

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086802.D
 Acq On : 28 May 2025 16:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 04:03:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	202638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	131500	46.963	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.920%			
35) Dibromofluoromethane	8.165	113	109197	50.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	10.565	98	455862	51.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.847	95	164534	52.258	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	116435	53.207	ug/l	99
3) Chloromethane	2.359	50	149489	45.164	ug/l	98
4) Vinyl Chloride	2.512	62	142131	47.814	ug/l	100
5) Bromomethane	2.947	94	72727	42.440	ug/l	95
6) Chloroethane	3.112	64	89459	45.939	ug/l	98
7) Trichlorofluoromethane	3.500	101	174712	49.181	ug/l	95
8) Diethyl Ether	3.959	74	74251	50.596	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	112257	52.784	ug/l	99
10) Methyl Iodide	4.589	142	125205	47.328	ug/l	98
11) Tert butyl alcohol	5.518	59	94719	185.736	ug/l	99
12) 1,1-Dichloroethene	4.341	96	110820	49.032	ug/l	92
13) Acrolein	4.177	56	69943	128.297	ug/l	99
14) Allyl chloride	5.024	41	165146	48.274	ug/l	94
15) Acrylonitrile	5.718	53	291155	230.588	ug/l	100
16) Acetone	4.418	43	243114	232.108	ug/l	94
17) Carbon Disulfide	4.712	76	297260	47.504	ug/l	99
18) Methyl Acetate	5.018	43	153862	52.484	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	381764	49.606	ug/l	99
20) Methylene Chloride	5.271	84	125733	45.489	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	115691	48.414	ug/l	96
22) Diisopropyl ether	6.665	45	380036	49.241	ug/l	98
23) Vinyl Acetate	6.600	43	972374	167.637	ug/l	99
24) 1,1-Dichloroethane	6.571	63	221198	48.816	ug/l	99
25) 2-Butanone	7.477	43	370306	228.789	ug/l	99
26) 2,2-Dichloropropane	7.488	77	192805	51.560	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	143605	48.959	ug/l	99
28) Bromochloromethane	7.812	49	96369	46.809	ug/l	94
29) Tetrahydrofuran	7.835	42	233127	220.669	ug/l	98
30) Chloroform	7.965	83	219153	48.321	ug/l	99
31) Cyclohexane	8.253	56	194001	46.164	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	183898	48.092	ug/l	99
36) 1,1-Dichloropropene	8.371	75	158715	50.006	ug/l	99
37) Ethyl Acetate	7.559	43	138981	43.349	ug/l	99
38) Carbon Tetrachloride	8.359	117	157647	50.412	ug/l	99
39) Methylcyclohexane	9.600	83	181582	52.860	ug/l	97
40) Benzene	8.600	78	514082	49.652	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78942	45.603	ug/l	97
42) 1,2-Dichloroethane	8.665	62	151796	47.059	ug/l	97
43) Isopropyl Acetate	8.682	43	250913	39.039	ug/l	96
44) Trichloroethene	9.347	130	144030	57.675	ug/l	99
45) 1,2-Dichloropropane	9.618	63	125664	51.091	ug/l	99
46) Dibromomethane	9.706	93	80982	48.795	ug/l	100
47) Bromodichloromethane	9.882	83	172861	50.550	ug/l	97
48) Methyl methacrylate	9.676	41	115051	46.195	ug/l	94
49) 1,4-Dioxane	9.694	88	43426	823.445	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	736578	227.255	ug/l	98
52) Toluene	10.629	92	319579	49.662	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	186806	51.596	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	204958	51.858	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	117833	49.087	ug/l	97
56) Ethyl methacrylate	10.870	69	196636	51.018	ug/l	96
57) 1,3-Dichloropropane	11.159	76	206104	49.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	487772	283.168	ug/l	100
59) 2-Hexanone	11.194	43	539041	227.741	ug/l	98
60) Dibromochloromethane	11.353	129	131436	52.246	ug/l	99
61) 1,2-Dibromoethane	11.465	107	117587	48.746	ug/l	100
64) Tetrachloroethene	11.100	164	165804	67.415	ug/l	97
65) Chlorobenzene	11.888	112	352791	50.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	117357	51.636	ug/l	99
67) Ethyl Benzene	11.959	91	606945	50.333	ug/l	97
68) m/p-Xylenes	12.070	106	476195	104.260	ug/l	97
69) o-Xylene	12.394	106	231413	50.963	ug/l	99
70) Styrene	12.406	104	386464	51.984	ug/l	99
71) Bromoform	12.576	173	85051	52.619	ug/l #	98
73) Isopropylbenzene	12.694	105	556753	46.315	ug/l	99
74) N-amyl acetate	12.494	43	203380	40.494	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	126082	34.140	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	170080m	48.318	ug/l	
77) Bromobenzene	12.976	156	135519	44.816	ug/l	98
78) n-propylbenzene	13.029	91	661410	47.944	ug/l	100
79) 2-Chlorotoluene	13.123	91	412327	45.968	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	462688	48.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68121	48.839	ug/l	88
82) 4-Chlorotoluene	13.217	91	416711	46.892	ug/l	99
83) tert-Butylbenzene	13.435	119	395530	47.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	468704	48.871	ug/l	100
85) sec-Butylbenzene	13.611	105	549195	48.766	ug/l	99
86) p-Isopropyltoluene	13.723	119	465379	50.413	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	257228	49.124	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	256666	49.472	ug/l	100
89) n-Butylbenzene	14.053	91	400332	52.312	ug/l	99
90) Hexachloroethane	14.329	117	76870	50.188	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	248760	49.947	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28645	46.821	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	113477	53.978	ug/l	98
94) Hexachlorobutadiene	15.494	225	46239	53.013	ug/l	99
95) Naphthalene	15.635	128	364701	49.962	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	108670	52.784	ug/l	99

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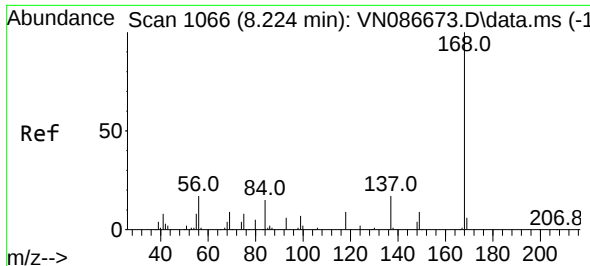
Manual Integrations
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Supervised By :Mahesh Dadoda 05/29/2025

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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

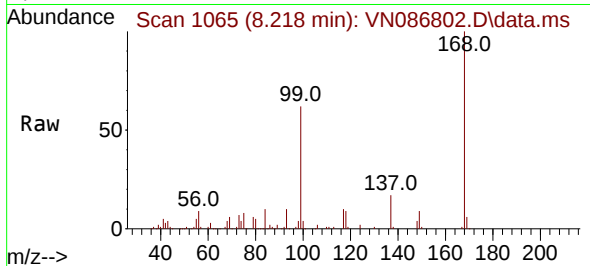
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086802.D
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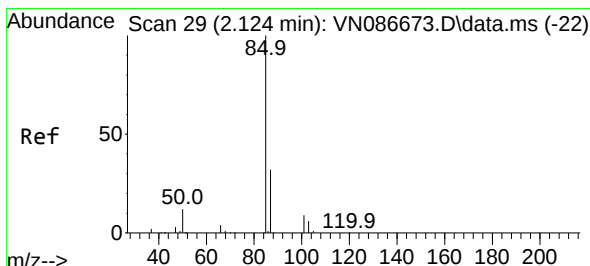
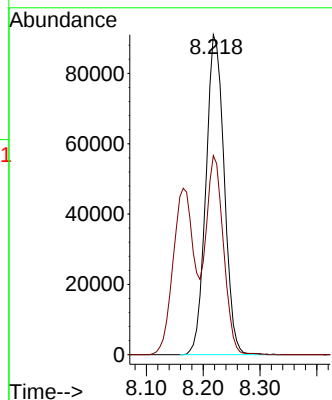
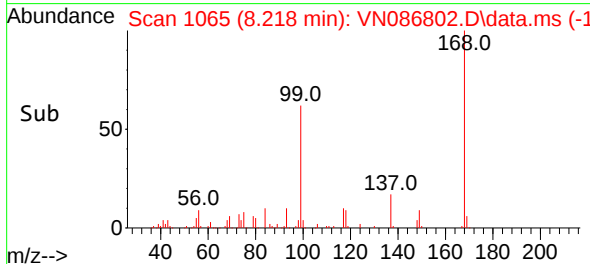
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 202638
Ion Ratio Lower Upper
168 100
99 62.2 47.0 70.4

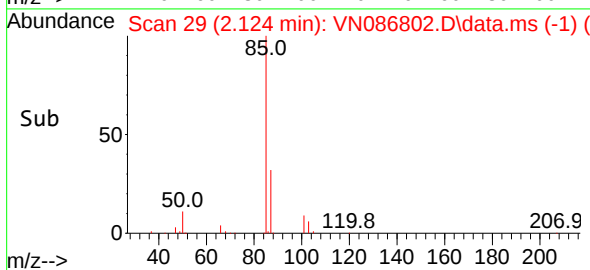
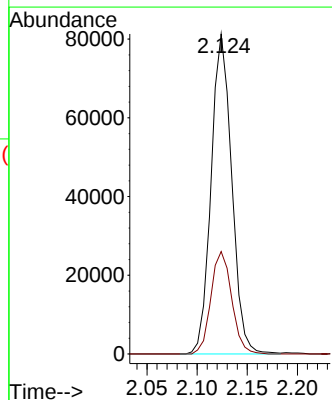
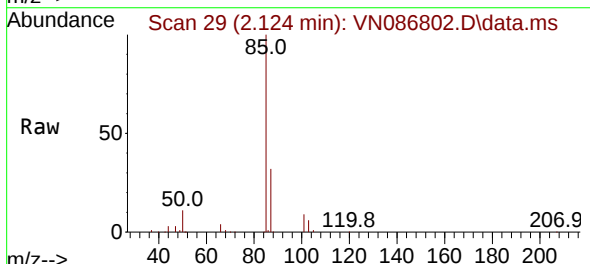
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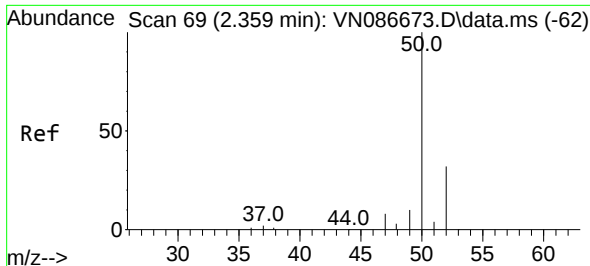
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 53.207 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

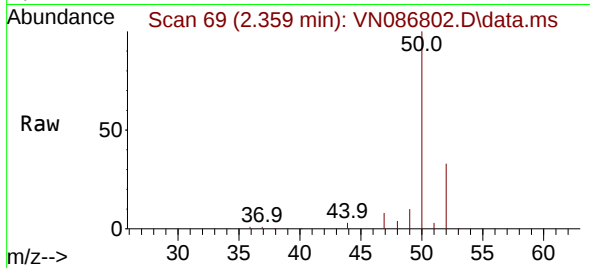
Tgt Ion: 85 Resp: 116435
Ion Ratio Lower Upper
85 100
87 32.0 15.9 47.6





#3
Chloromethane
Concen: 45.164 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

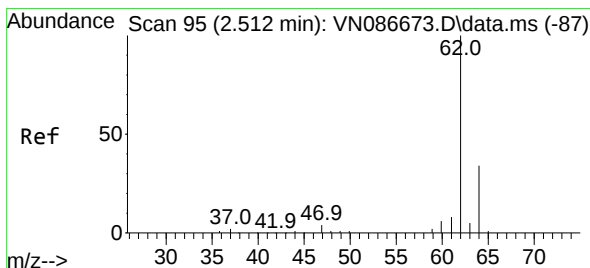
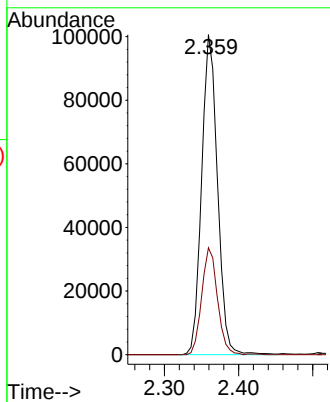
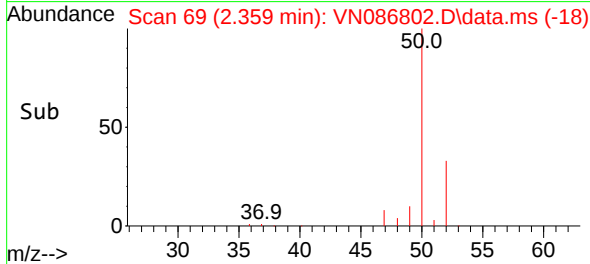
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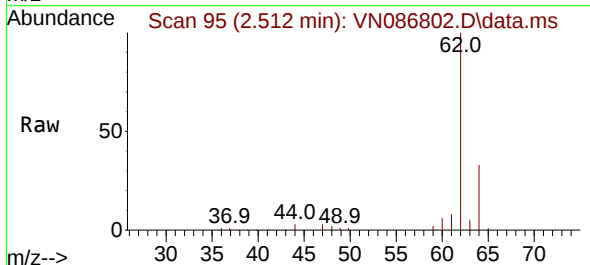
Tgt Ion: 50 Resp: 149489
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

Manual Integrations
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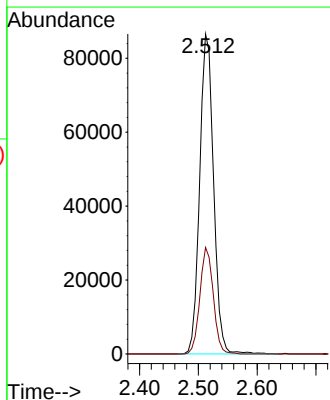
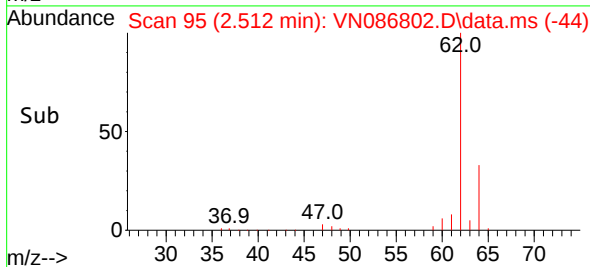
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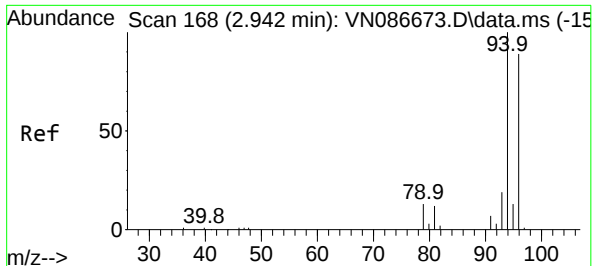


#4
Vinyl Chloride
Concen: 47.814 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



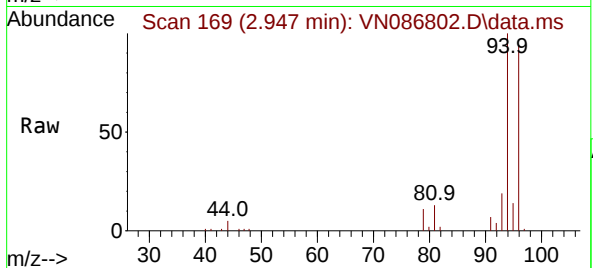
Tgt Ion: 62 Resp: 142131
Ion Ratio Lower Upper
62 100
64 33.3 26.9 40.3





#5
Bromomethane
Concen: 42.440 ug/l
RT: 2.947 min Scan# 169
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

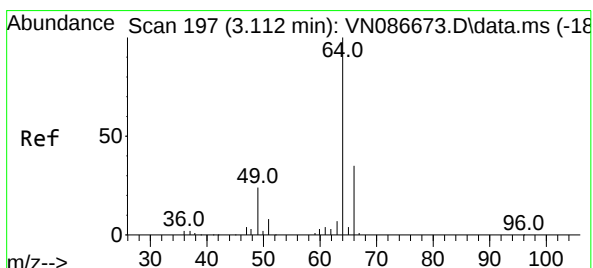
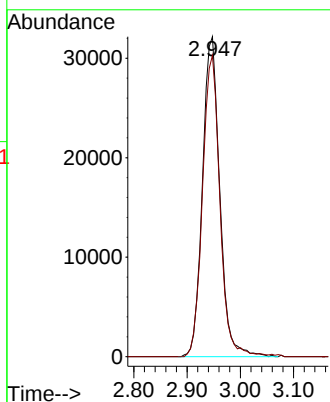
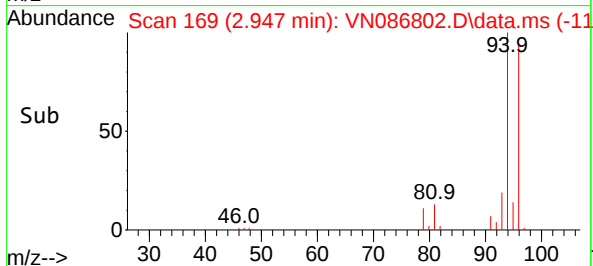
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Tgt Ion: 94 Resp: 7272
Ion Ratio Lower Upper
94 100
96 94.1 71.2 106.8

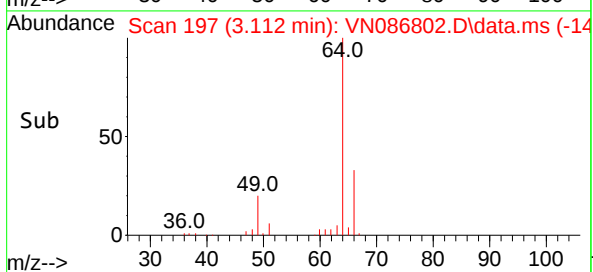
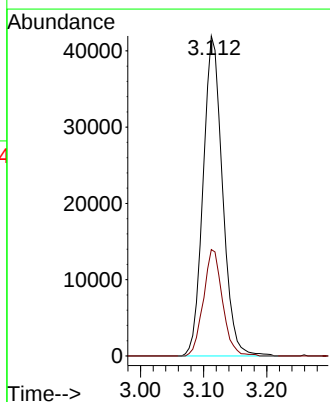
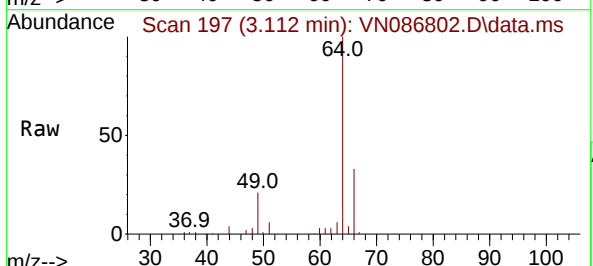
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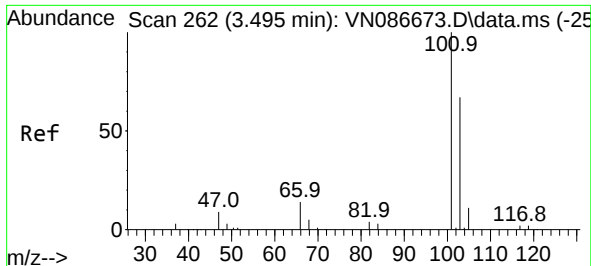
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#6
Chloroethane
Concen: 45.939 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

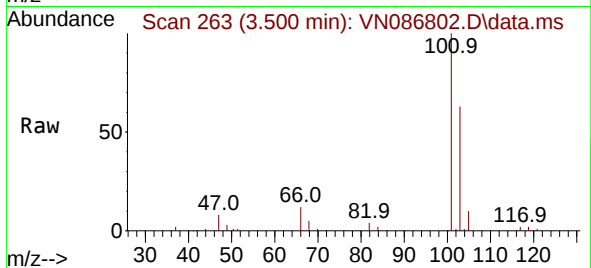
Tgt Ion: 64 Resp: 89459
Ion Ratio Lower Upper
64 100
66 33.2 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 49.181 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34

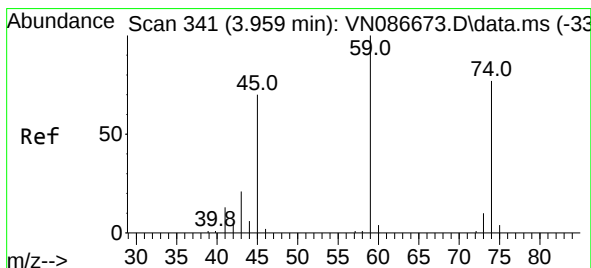
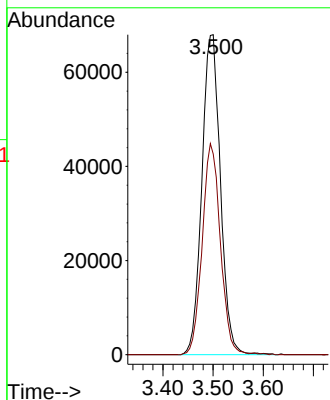
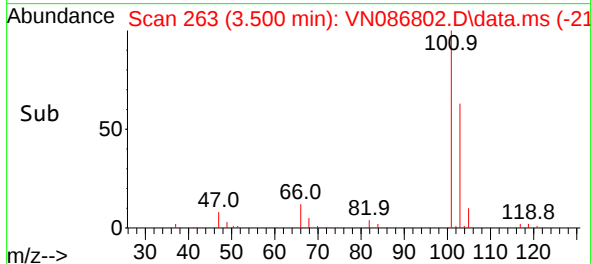
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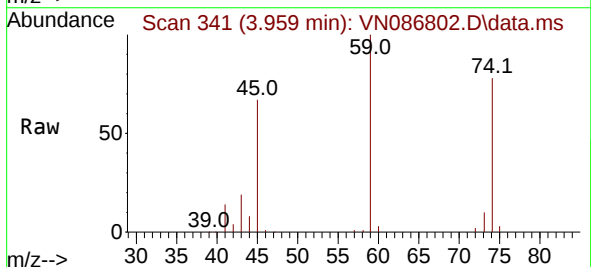
Tgt Ion:101 Resp: 17471
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.4 80.0

Manual Integrations
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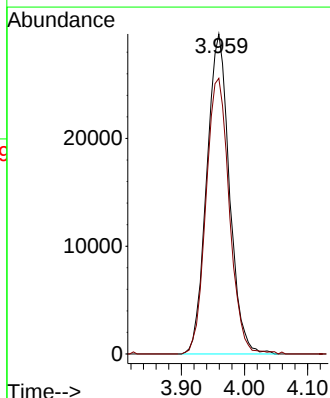
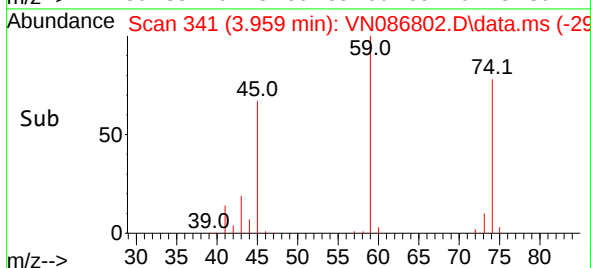
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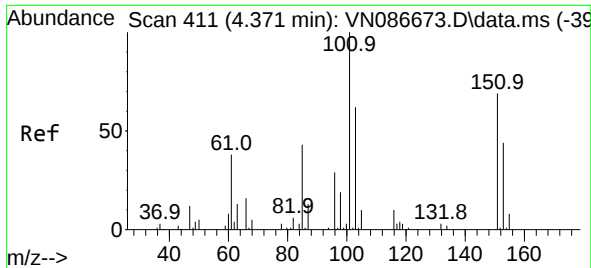


#8
 Diethyl Ether
 Concen: 50.596 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34



Tgt Ion: 74 Resp: 74251
 Ion Ratio Lower Upper
 74 100
 45 88.6 45.0 135.0





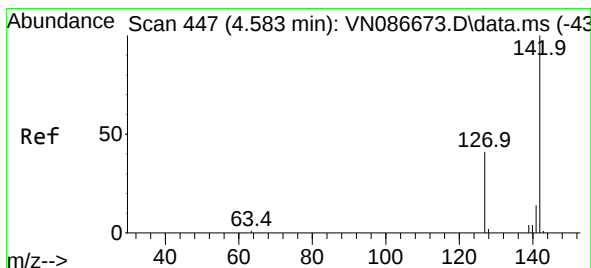
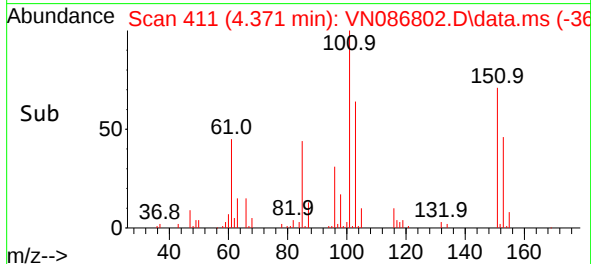
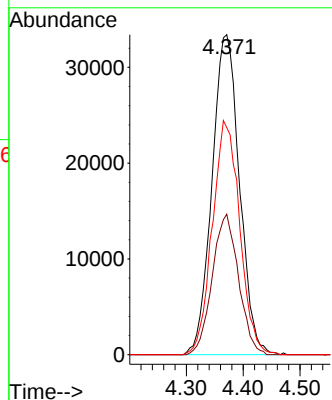
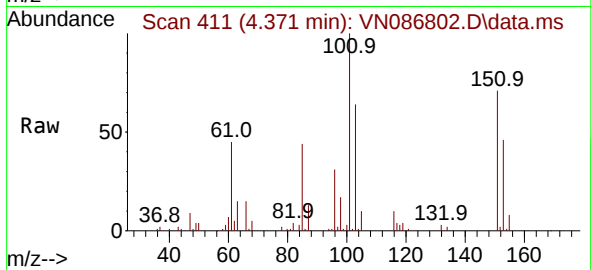
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.784 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11225
Ion Ratio Lower Upper
101 100
85 42.0 35.0 52.6
151 72.8 58.1 87.1

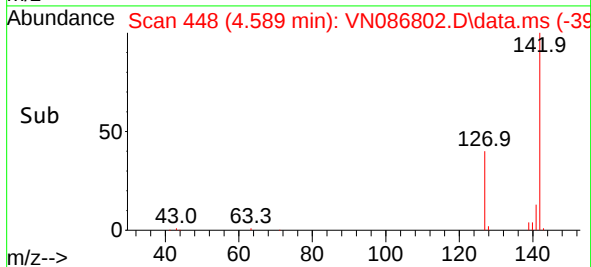
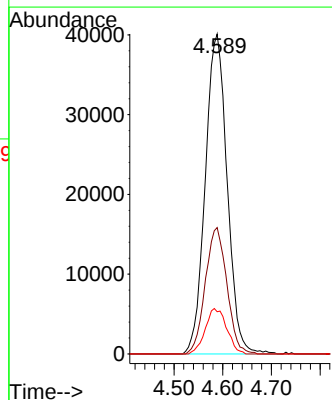
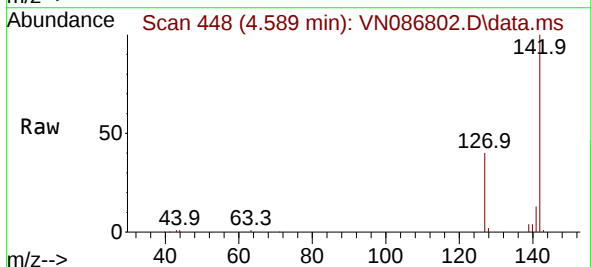
Manual Integrations
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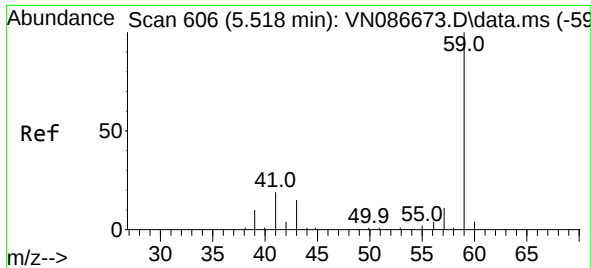
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 47.328 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

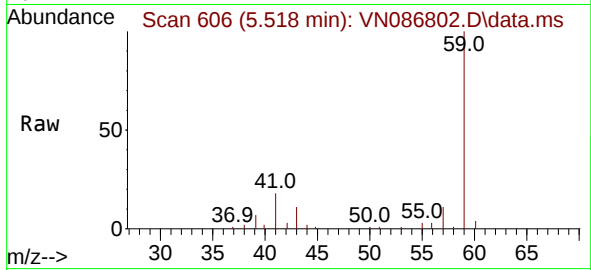
Tgt Ion:142 Resp: 125205
Ion Ratio Lower Upper
142 100
127 39.5 32.4 48.6
141 13.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 185.736 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

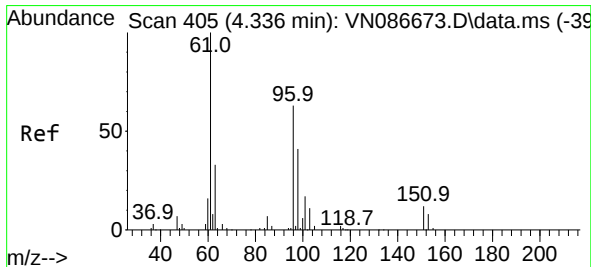
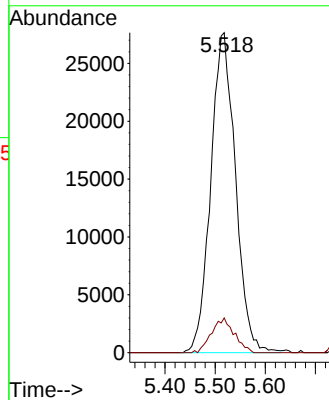
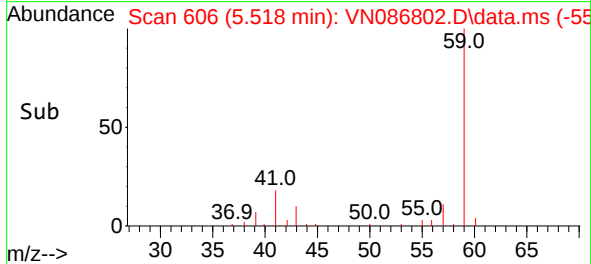
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



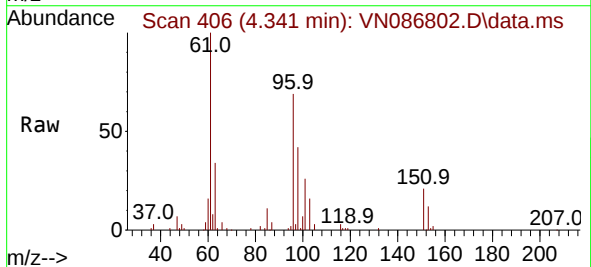
Tgt Ion: 59 Resp: 94719
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

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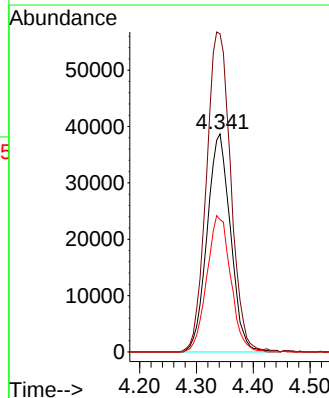
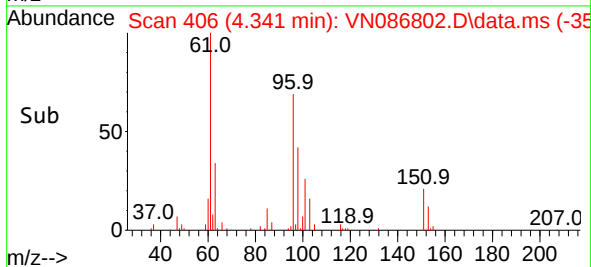
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

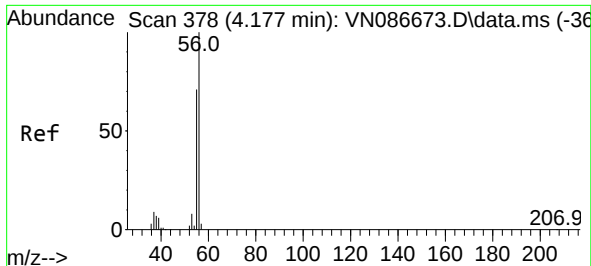


#12
1,1-Dichloroethene
Concen: 49.032 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion: 96 Resp: 110820
Ion Ratio Lower Upper
96 100
61 145.9 126.2 189.2
98 60.7 51.5 77.3





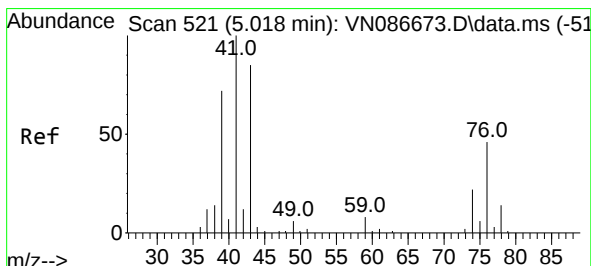
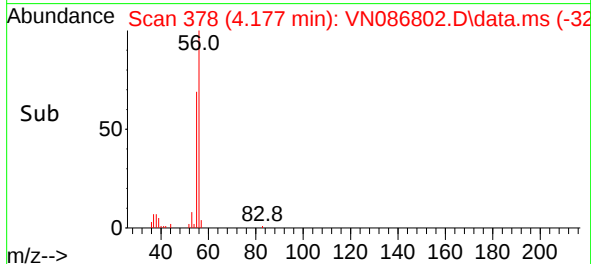
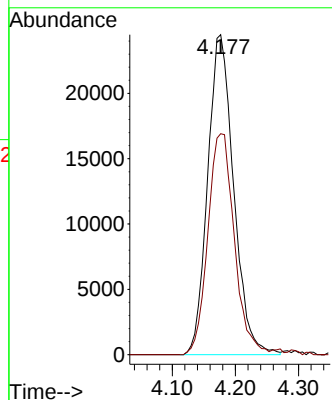
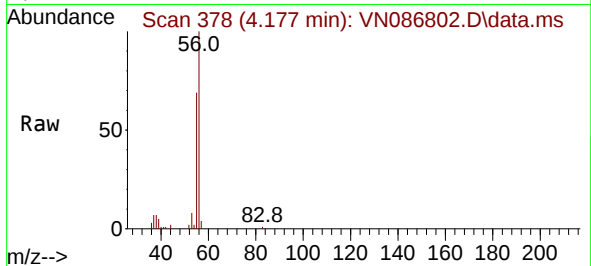
#13
Acrolein
Concen: 128.297 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 6994
Ion Ratio Lower Upper
56 100
55 70.3 55.7 83.5

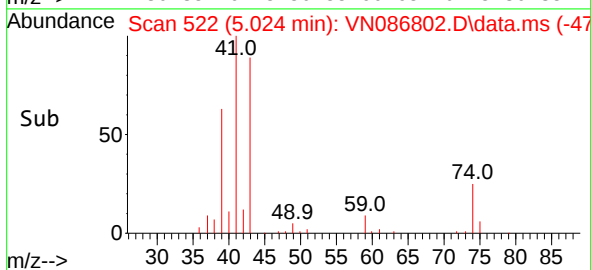
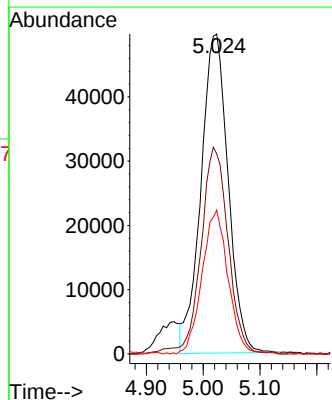
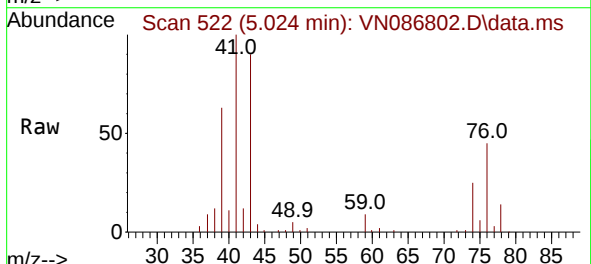
Manual Integrations
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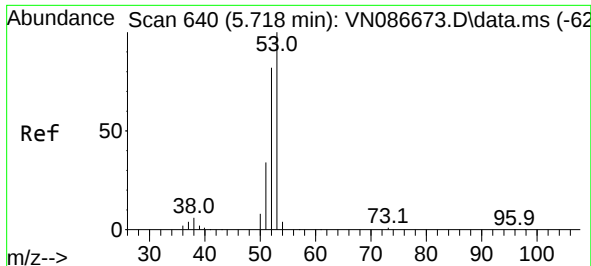
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#14
Allyl chloride
Concen: 48.274 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

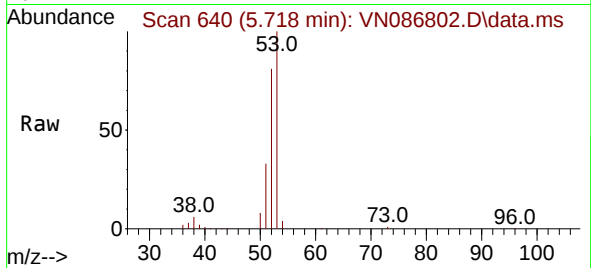
Tgt Ion: 41 Resp: 165146
Ion Ratio Lower Upper
41 100
39 65.0 57.4 86.0
76 43.1 33.2 49.8





#15
Acrylonitrile
Concen: 230.588 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

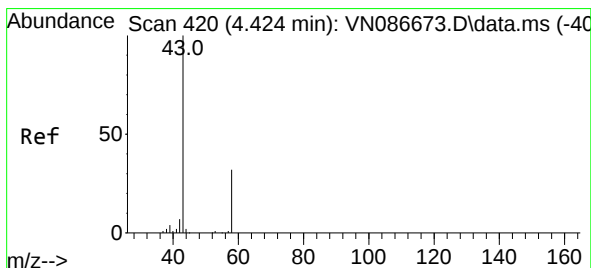
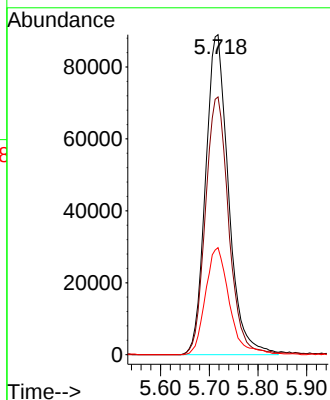
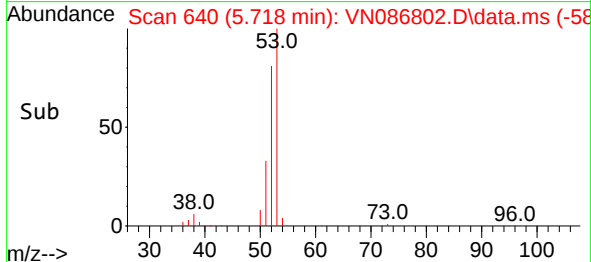
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



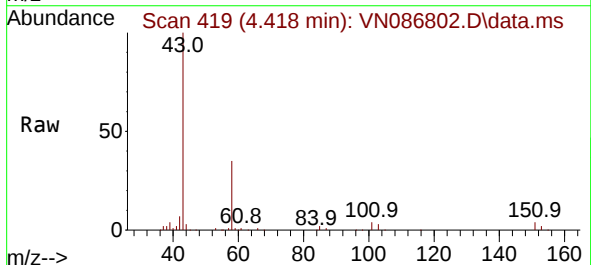
Tgt Ion: 53 Resp: 29115
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.2
51 34.9 27.9 41.9

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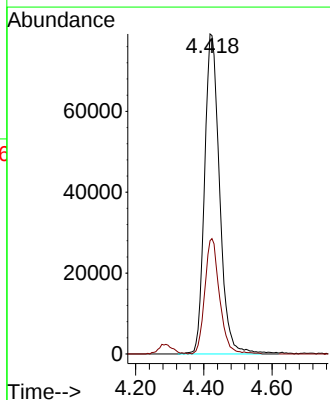
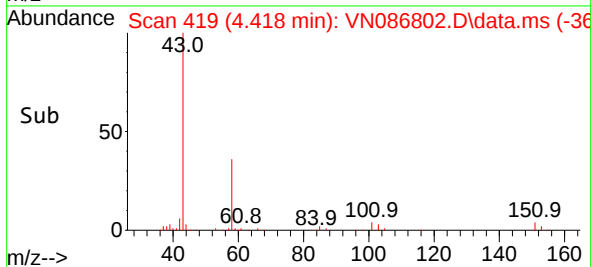
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

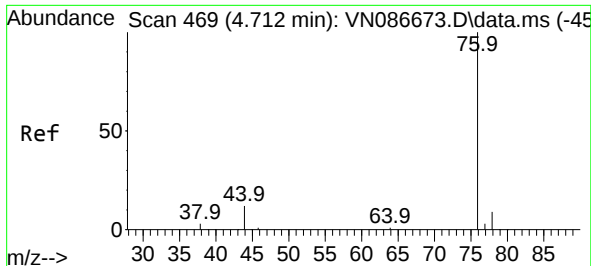


#16
Acetone
Concen: 232.108 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



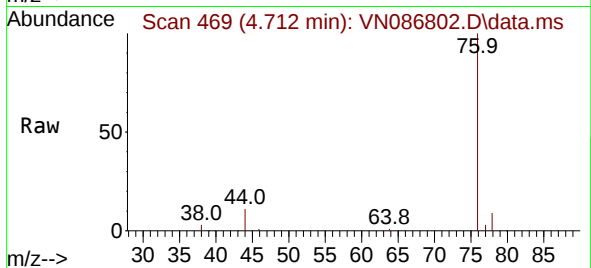
Tgt Ion: 43 Resp: 243114
Ion Ratio Lower Upper
43 100
58 35.4 25.8 38.6





#17
Carbon Disulfide
Concen: 47.504 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

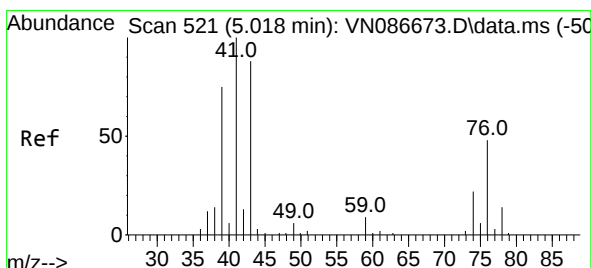
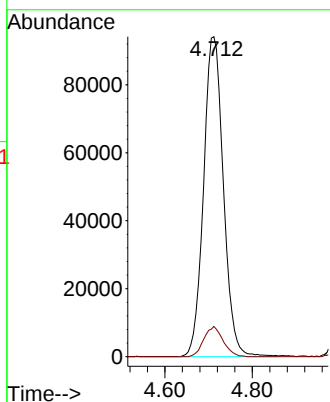
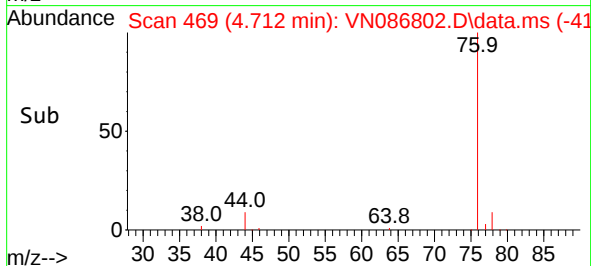
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 297260
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

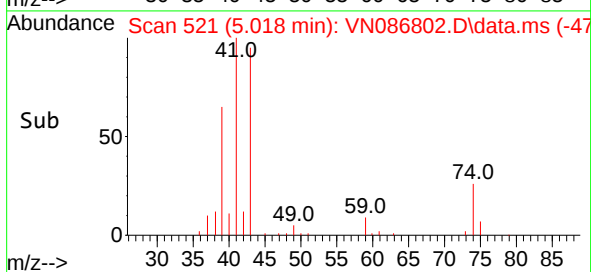
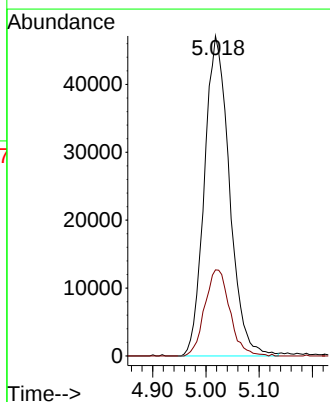
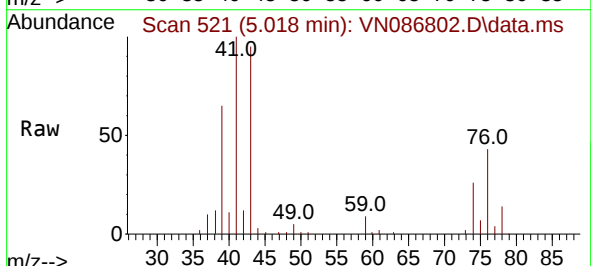
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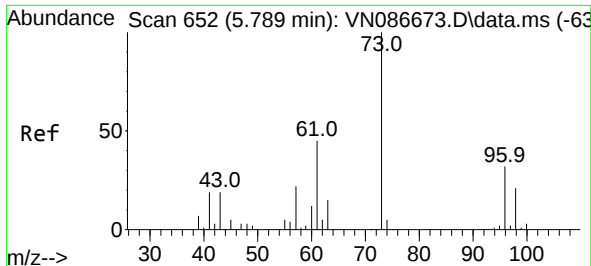
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#18
Methyl Acetate
Concen: 52.484 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Tgt Ion: 43 Resp: 153862
Ion Ratio Lower Upper
43 100
74 27.0 20.5 30.7





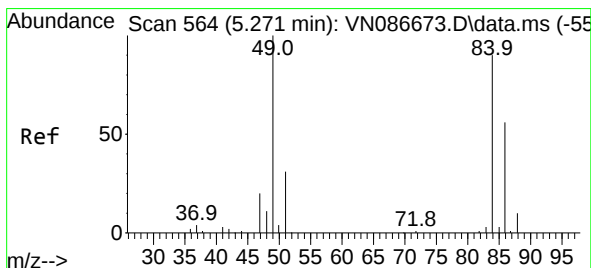
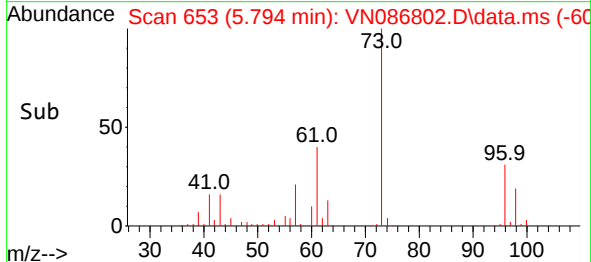
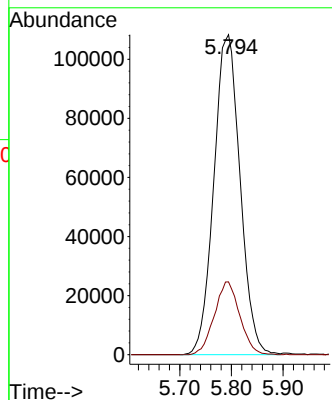
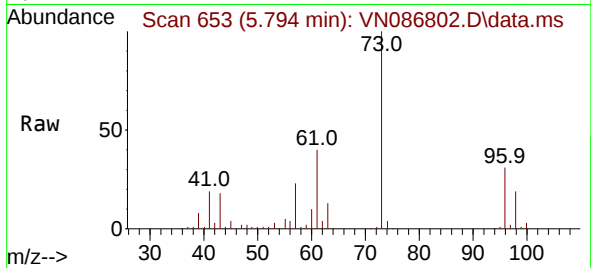
#19
Methyl tert-butyl Ether
Concen: 49.606 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 381764
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

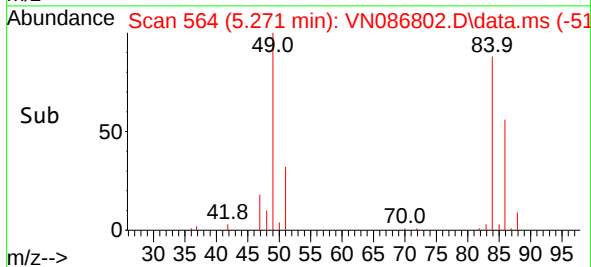
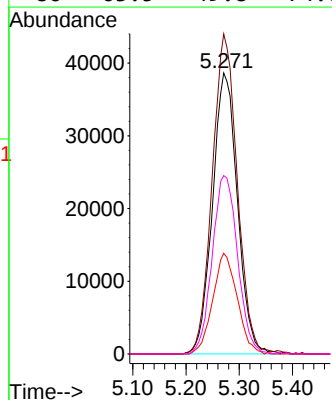
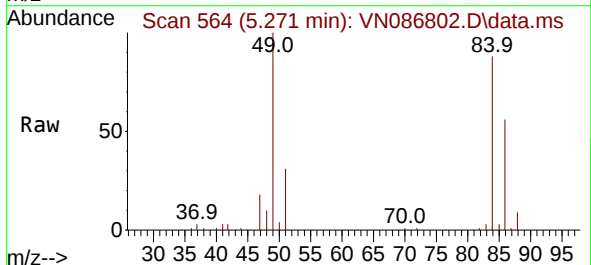
Manual Integrations
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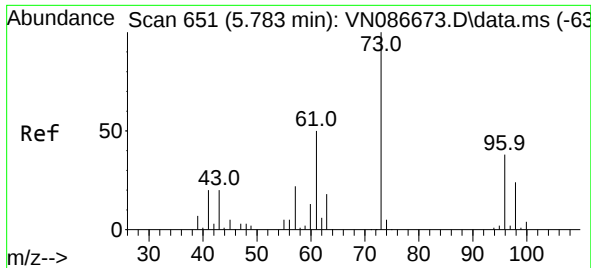
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 45.489 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

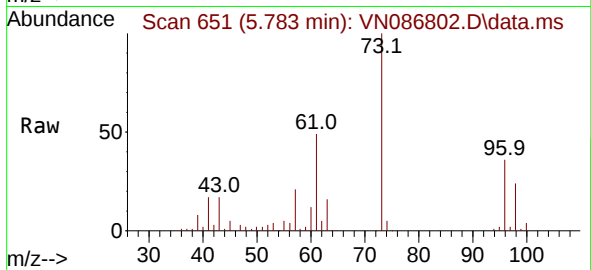
Tgt Ion: 84 Resp: 125733
Ion Ratio Lower Upper
84 100
49 113.9 88.8 133.2
51 35.8 27.8 41.6
86 63.5 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 48.414 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

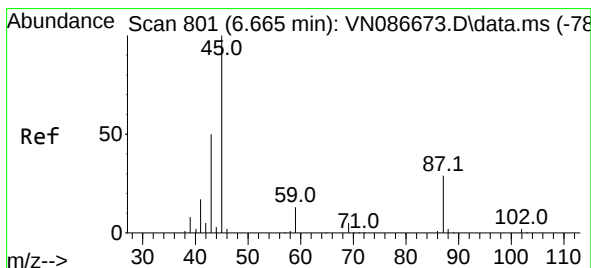
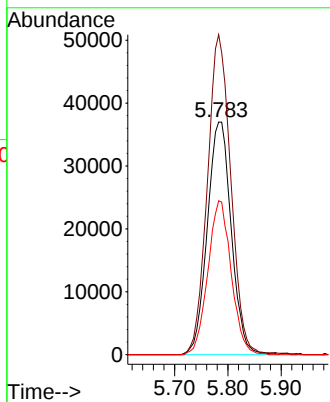
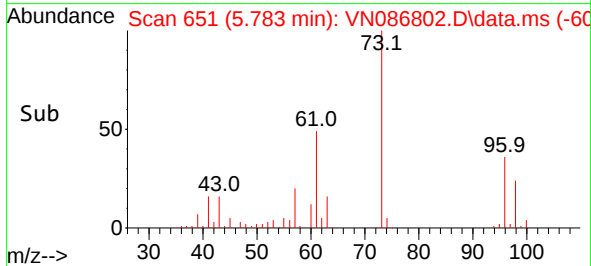
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



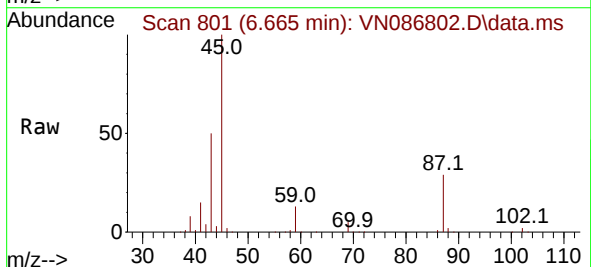
Tgt Ion: 96 Resp: 11569
Ion Ratio Lower Upper
96 100
61 137.5 105.7 158.5
98 66.2 51.0 76.6

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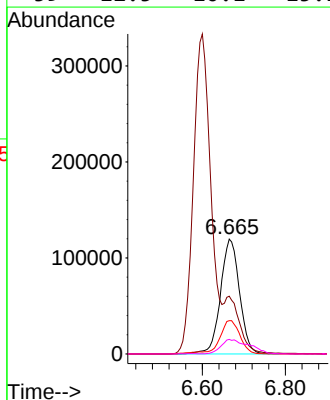
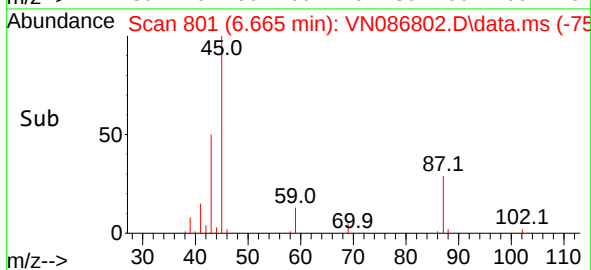
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

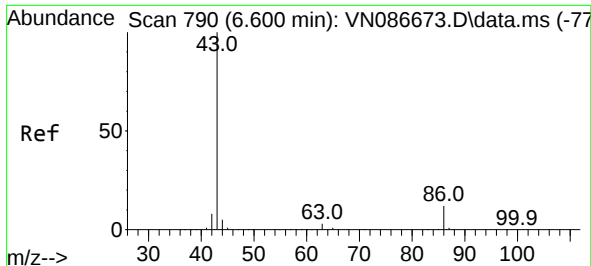


#22
Diisopropyl ether
Concen: 49.241 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion: 45 Resp: 380036
Ion Ratio Lower Upper
45 100
43 49.5 41.4 62.2
87 28.9 22.9 34.3
59 12.5 10.1 15.1





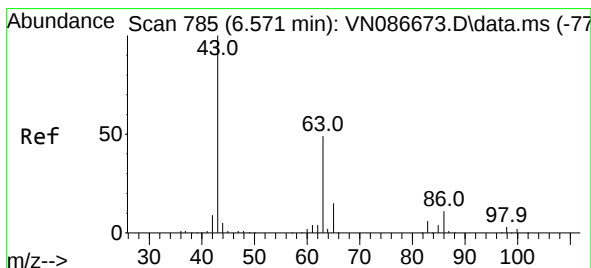
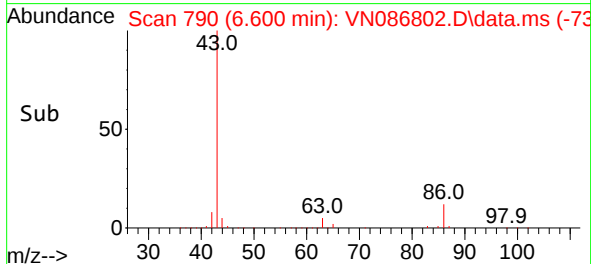
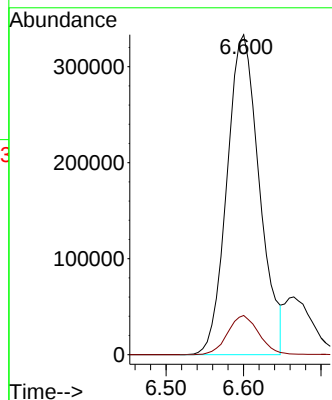
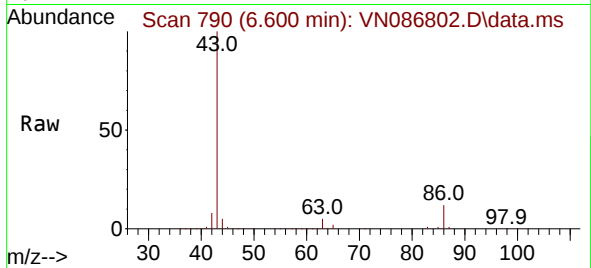
#23
 Vinyl Acetate
 Concen: 167.637 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 972374
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.5 14.3

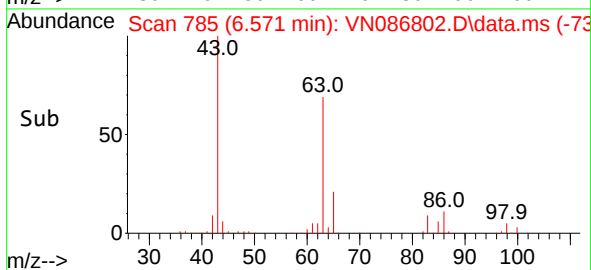
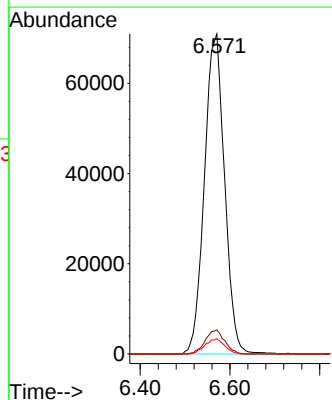
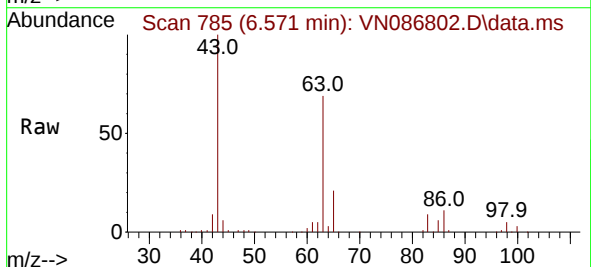
Manual Integrations
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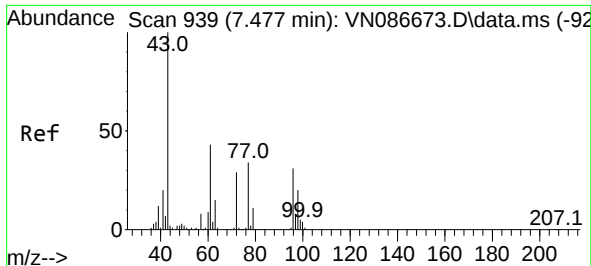
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 48.816 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34

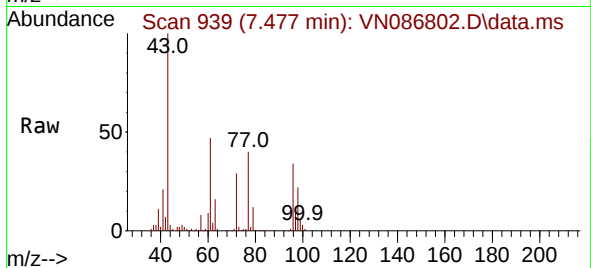
Tgt Ion: 63 Resp: 221198
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.8 2.4 7.1





#25
2-Butanone
Concen: 228.789 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

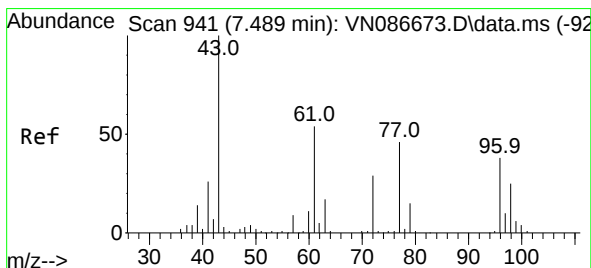
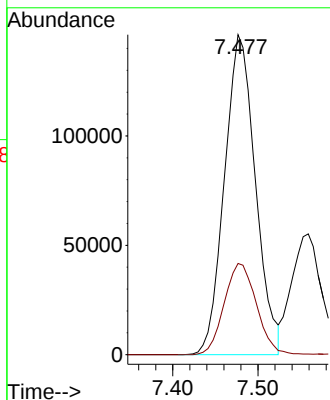
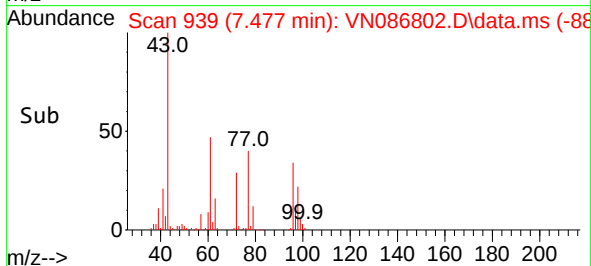
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



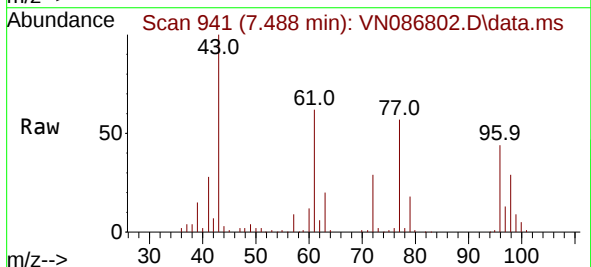
Tgt Ion: 43 Resp: 370300
Ion Ratio Lower Upper
43 100
72 28.5 23.1 34.7

Manual Integrations
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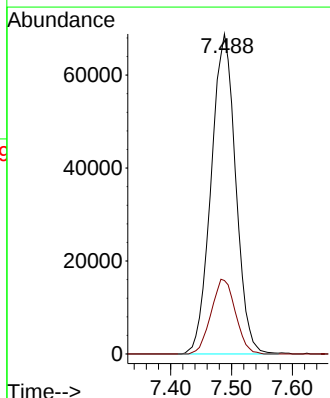
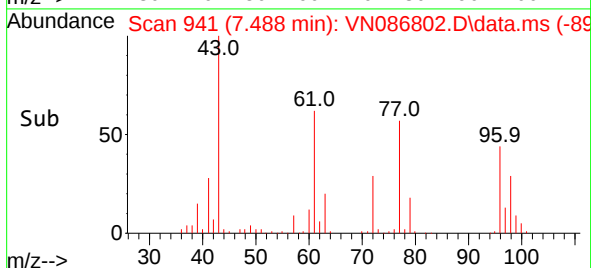
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

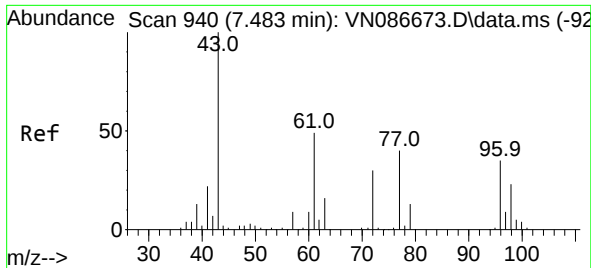


#26
2,2-Dichloropropane
Concen: 51.560 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



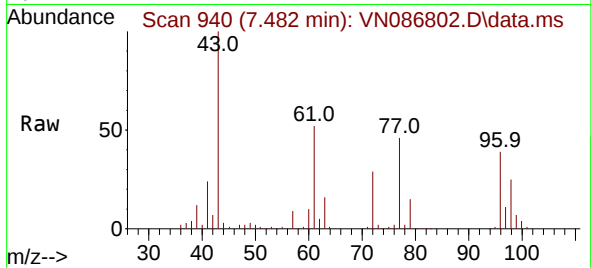
Tgt Ion: 77 Resp: 192805
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 48.959 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34

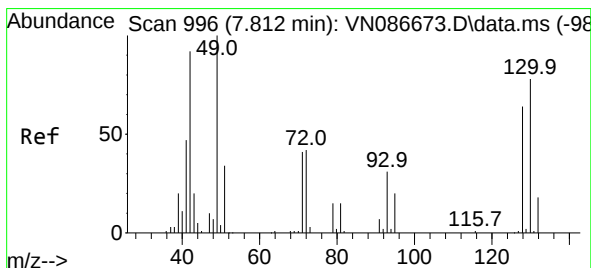
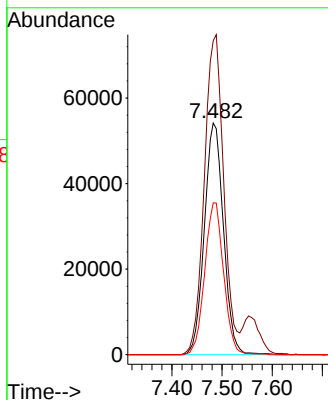
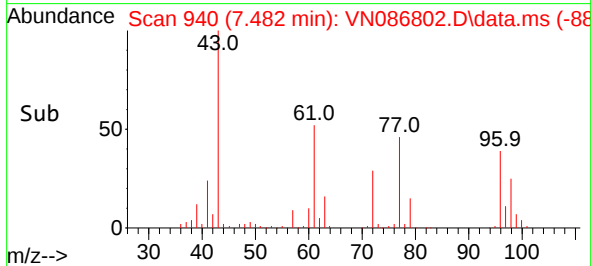
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 143609
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 277.4
 98 64.8 0.0 129.6

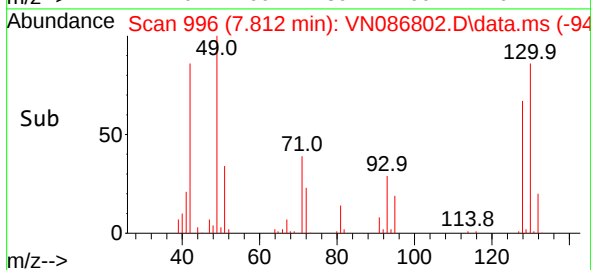
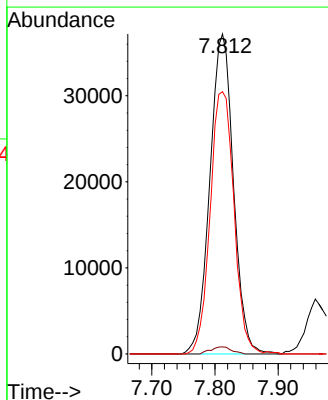
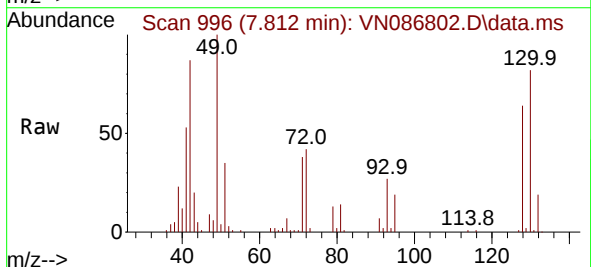
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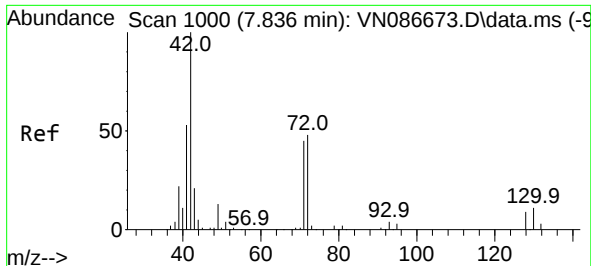
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 46.809 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34

Tgt Ion: 49 Resp: 96369
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.9 62.2 93.4





#29

Tetrahydrofuran

Concen: 220.669 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086802.D

Acq: 28 May 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

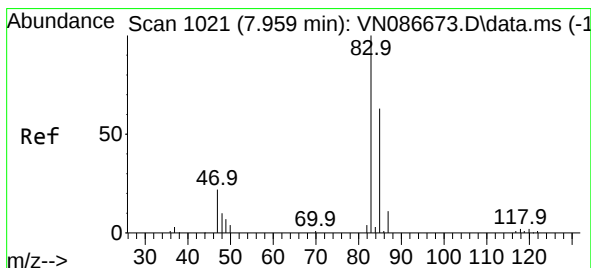
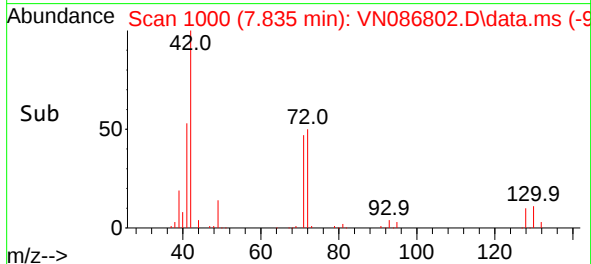
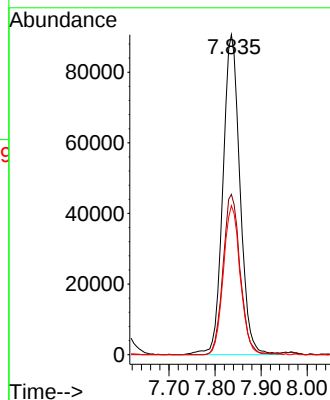
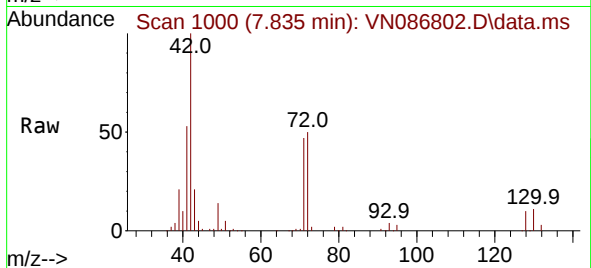
Tgt Ion:	42	Resp:	23312
Ion	Ratio	Lower	Upper
42	100		
72	50.1	38.7	58.1
71	45.9	36.2	54.4

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 48.321 ug/l

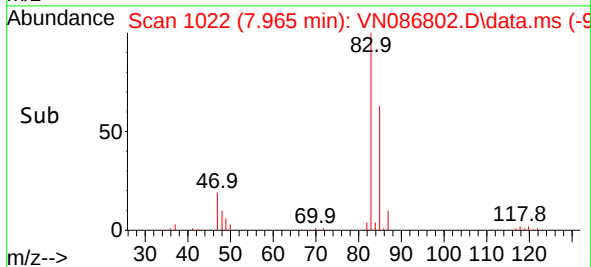
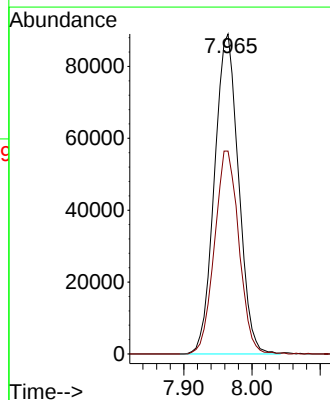
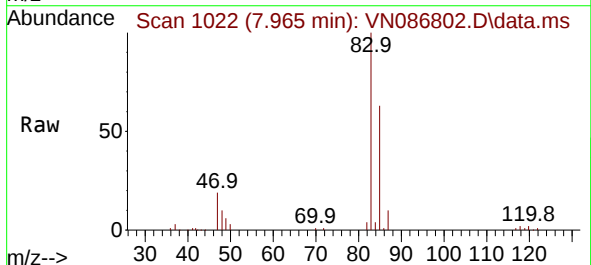
RT: 7.965 min Scan# 1022

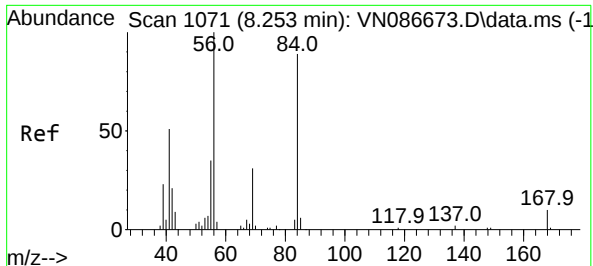
Delta R.T. 0.006 min

Lab File: VN086802.D

Acq: 28 May 2025 16:34

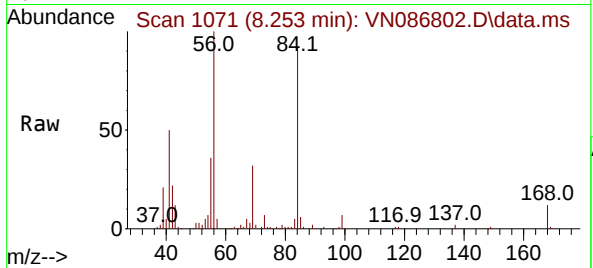
Tgt Ion:	83	Resp:	219153
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.2	75.4





#31
Cyclohexane
Concen: 46.164 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

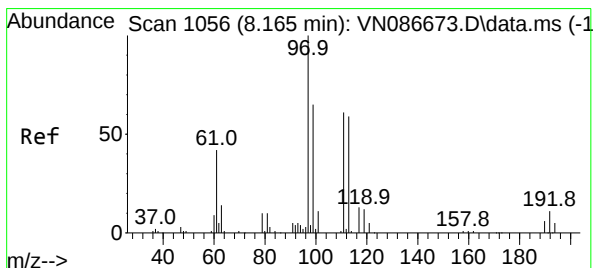
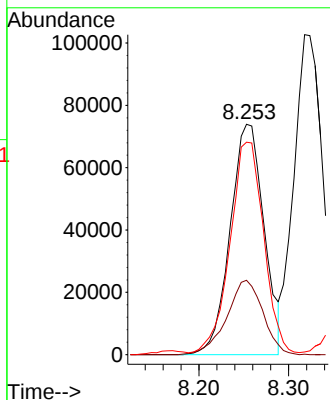
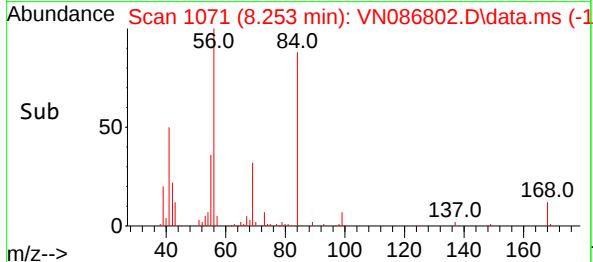
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



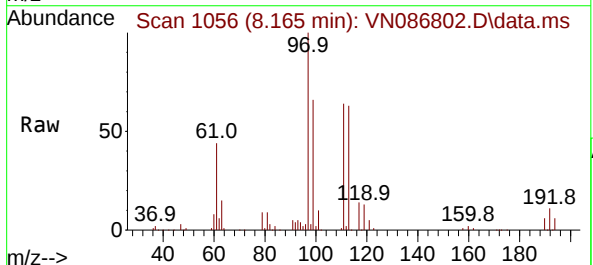
Tgt Ion: 56 Resp: 19400
Ion Ratio Lower Upper
56 100
69 32.3 25.0 37.6
84 90.8 71.0 106.4

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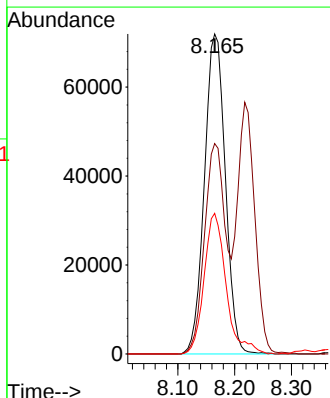
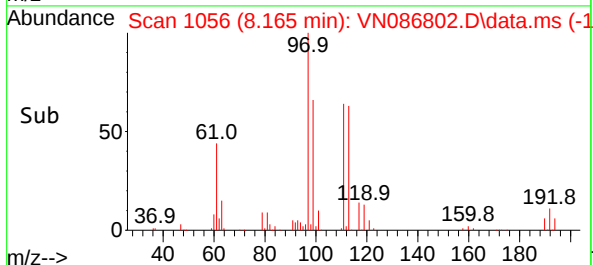
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

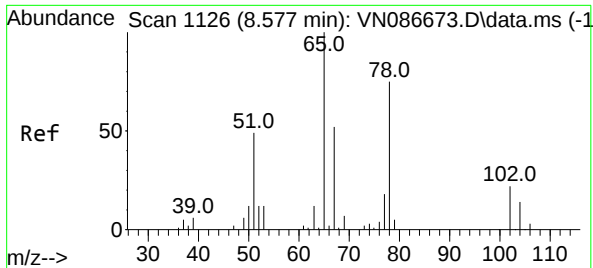


#32
1,1,1-Trichloroethane
Concen: 48.092 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion: 97 Resp: 183898
Ion Ratio Lower Upper
97 100
99 67.0 52.6 79.0
61 46.2 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 46.963 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086802.D

Acq: 28 May 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 131500

Ion Ratio Lower Upper

65 100

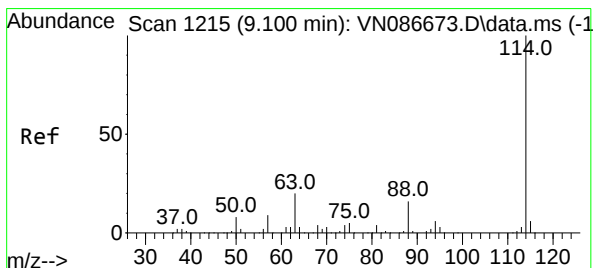
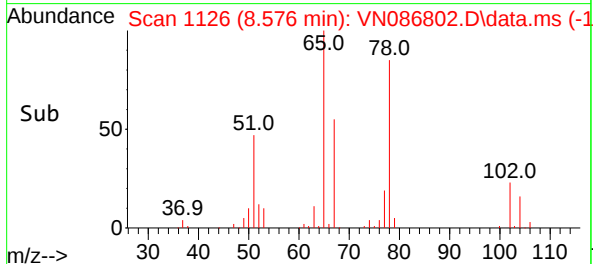
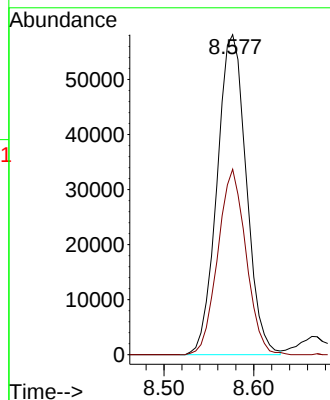
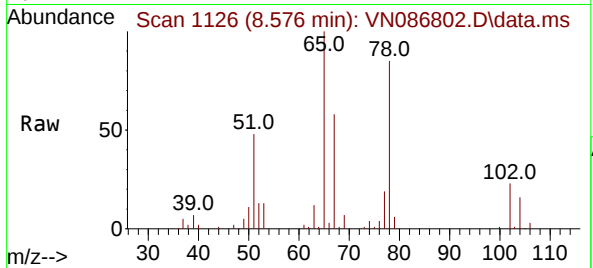
67 55.9 0.0 106.4

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086802.D

Acq: 28 May 2025 16:34

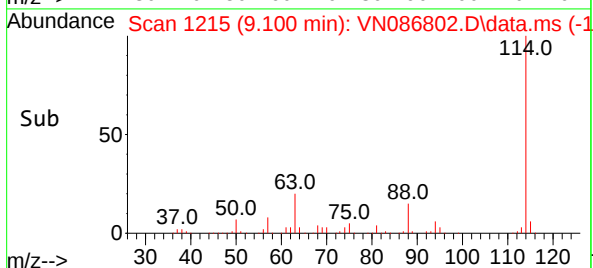
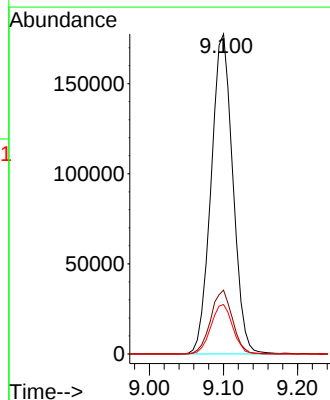
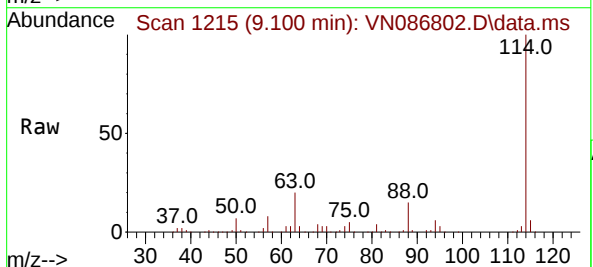
Tgt Ion:114 Resp: 361306

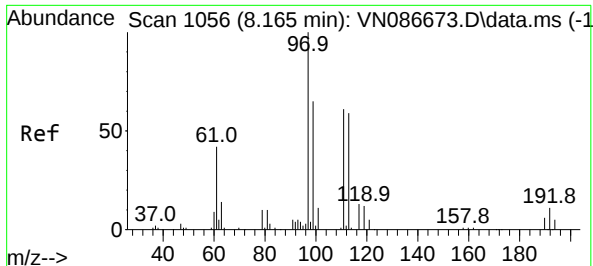
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

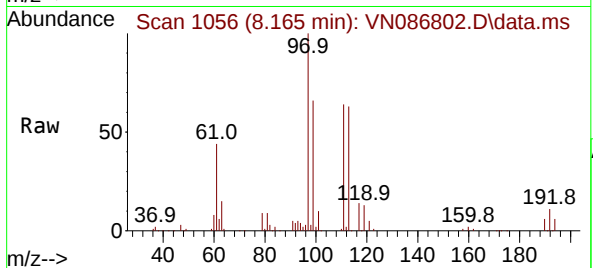
88 15.4 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.748 ug/l
RT: 8.165 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

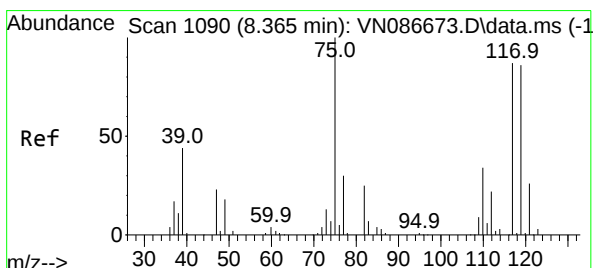
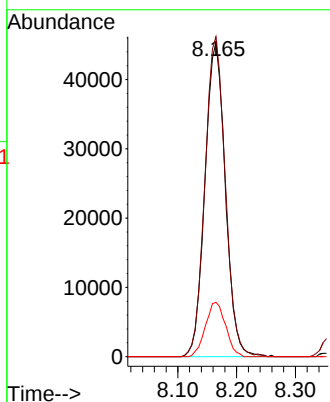
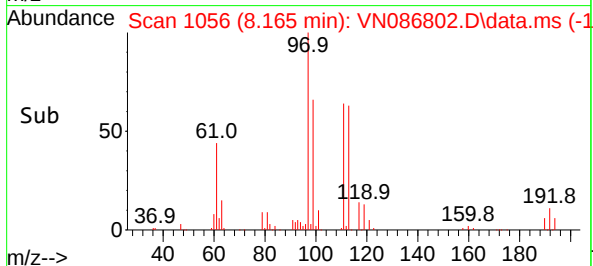
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



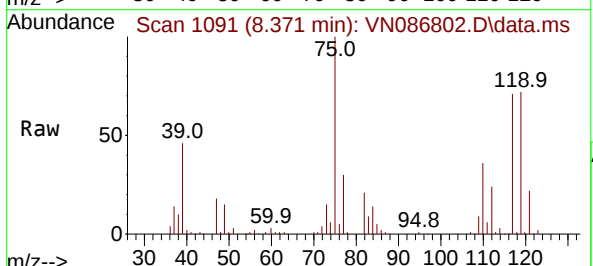
Tgt Ion: 113 Resp: 10919
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 17.1 13.8 20.8

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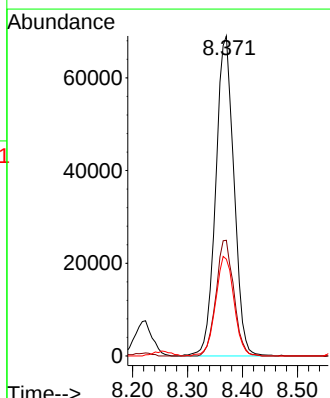
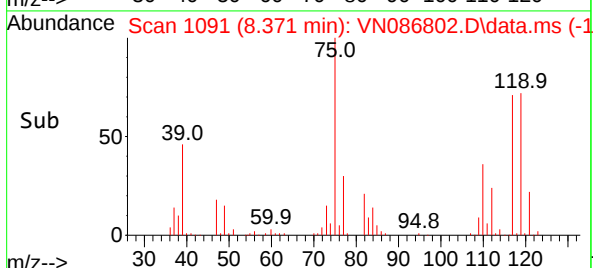
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

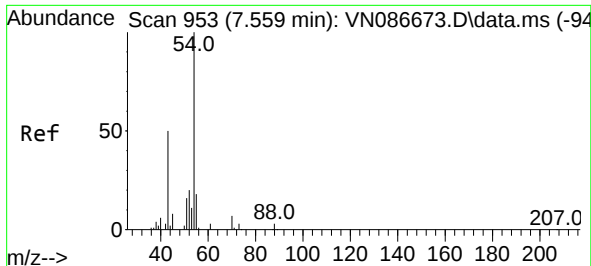


#36
1,1-Dichloropropene
Concen: 50.006 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion: 75 Resp: 158715
Ion Ratio Lower Upper
75 100
110 35.5 17.5 52.5
77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 43.349 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086802.D

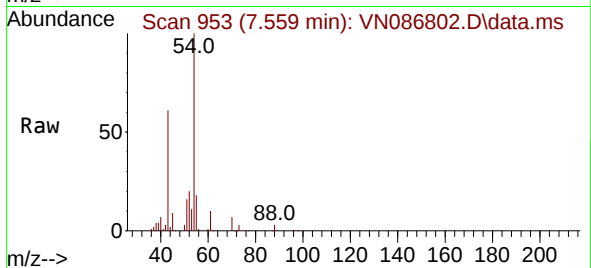
Acq: 28 May 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



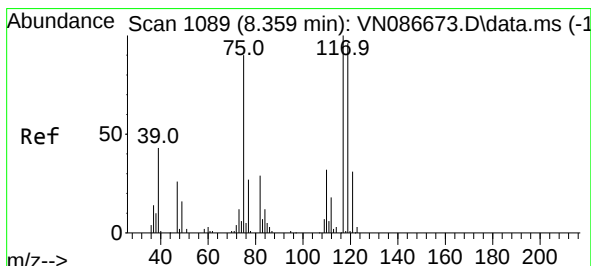
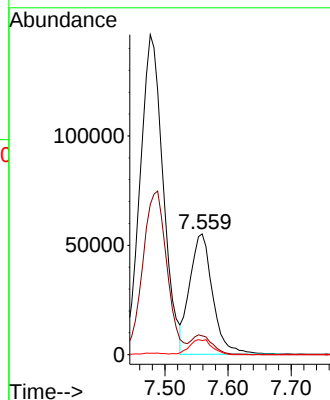
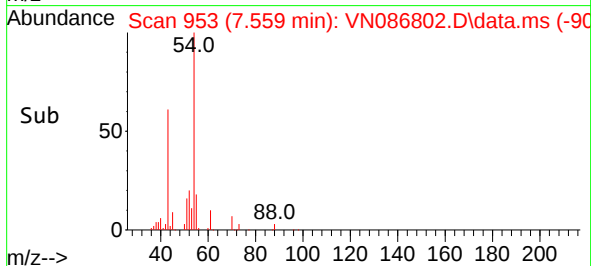
Tgt Ion:	43	Resp:	13898
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.6	17.4
70	12.5	9.4	14.0

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#38

Carbon Tetrachloride

Concen: 50.412 ug/l

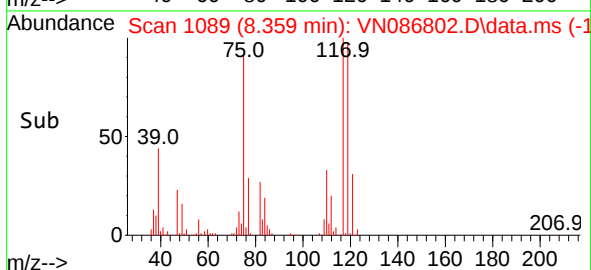
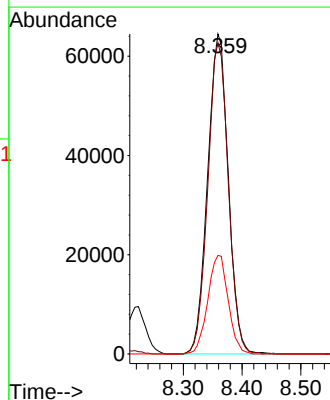
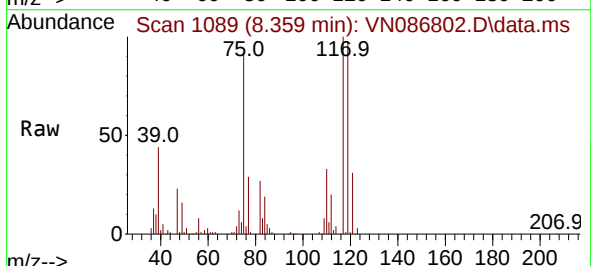
RT: 8.359 min Scan# 1089

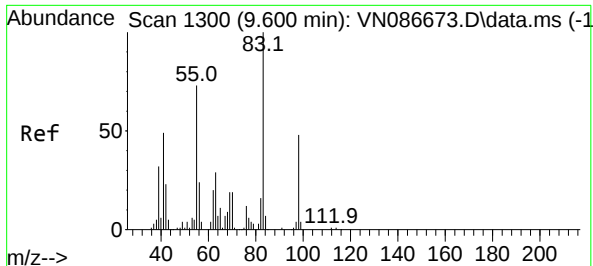
Delta R.T. -0.000 min

Lab File: VN086802.D

Acq: 28 May 2025 16:34

Tgt Ion:	117	Resp:	157647
Ion Ratio	Lower	Upper	
117	100		
119	97.2	77.0	115.6
121	30.8	25.0	37.6





#39

Methylcyclohexane

Concen: 52.860 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086802.D

Acq: 28 May 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

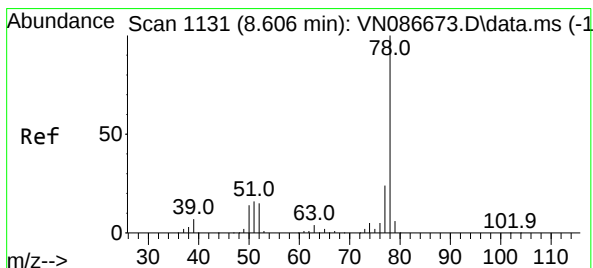
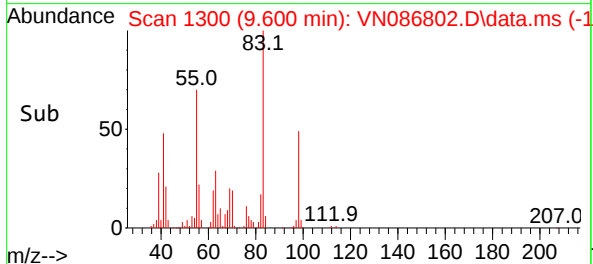
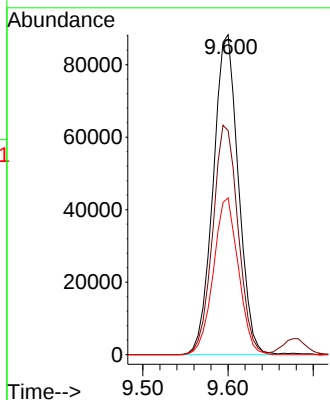
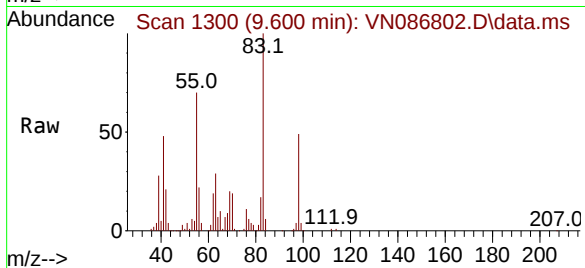
Tgt Ion: 83 Resp: 181582
 Ion Ratio Lower Upper
 83 100
 55 70.0 58.2 87.4
 98 49.0 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 49.652 ug/l

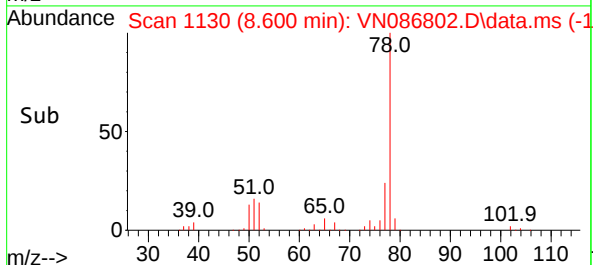
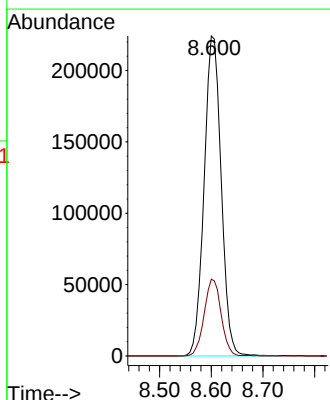
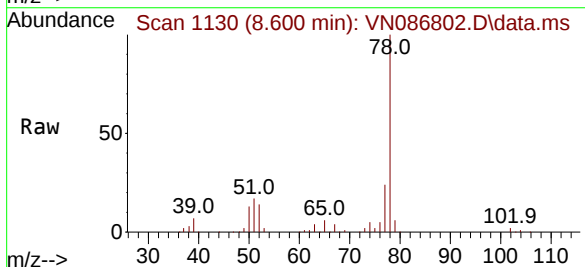
RT: 8.600 min Scan# 1130

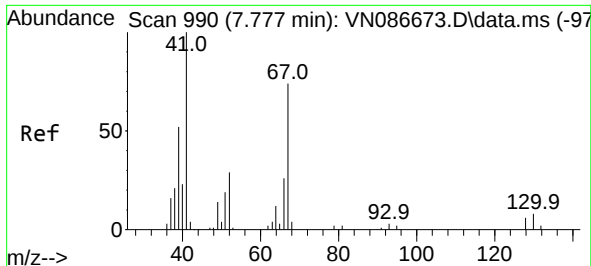
Delta R.T. -0.006 min

Lab File: VN086802.D

Acq: 28 May 2025 16:34

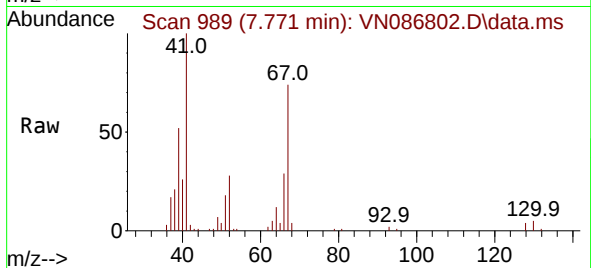
Tgt Ion: 78 Resp: 514082
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.1 28.7





#41
Methacrylonitrile
Concen: 45.603 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

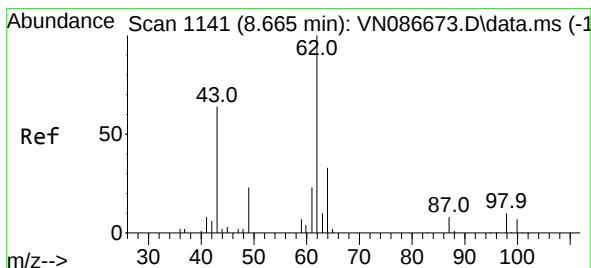
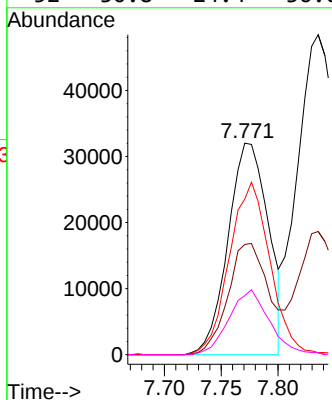
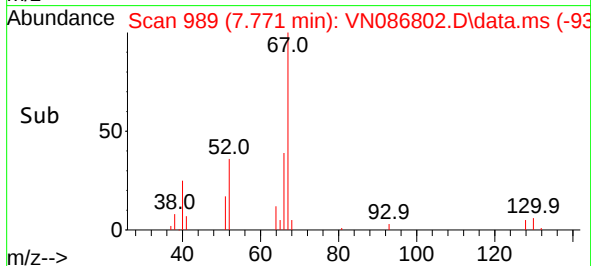
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 7894
Ion Ratio Lower Upper
41 100
39 55.0 44.9 67.3
67 82.8 63.4 95.0
52 30.8 24.4 36.6

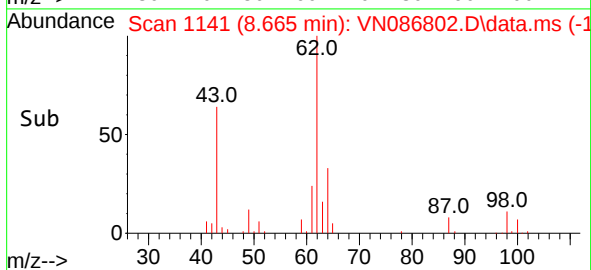
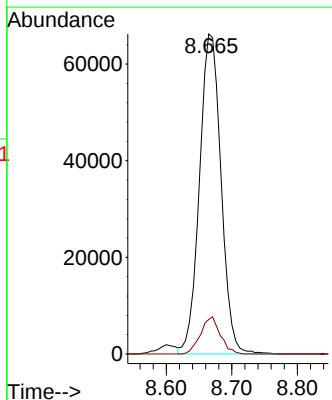
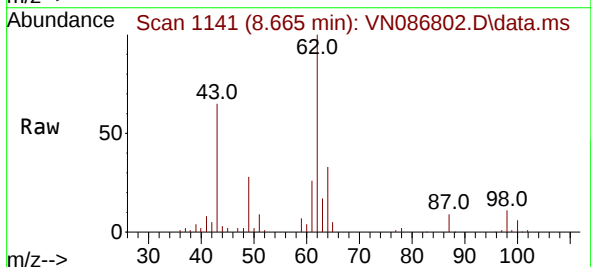
Manual Integrations
APPROVED

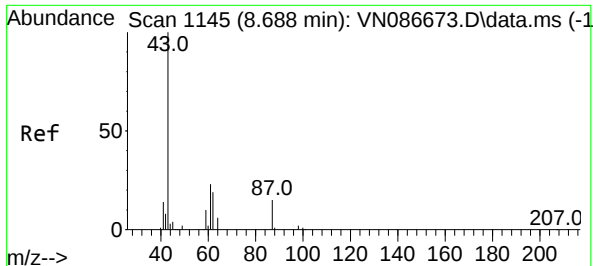
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 47.059 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

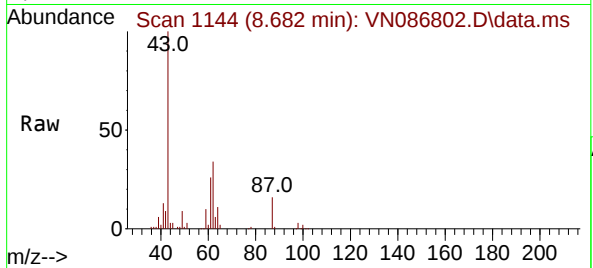
Tgt Ion: 62 Resp: 151796
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.2





#43
Isopropyl Acetate
Concen: 39.039 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

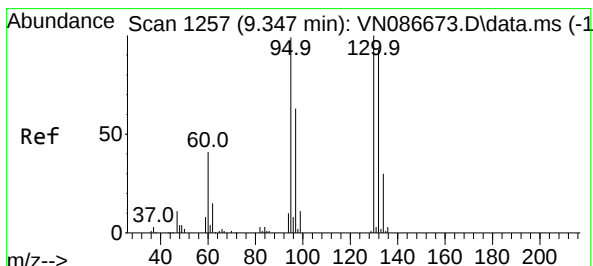
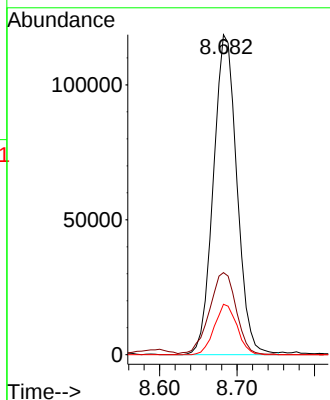
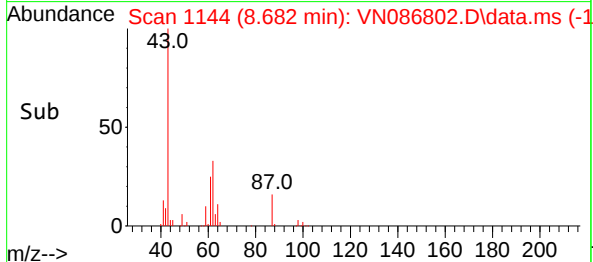
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 25091
Ion Ratio Lower Upper
43 100
61 29.4 21.4 32.2
87 15.1 11.1 16.7

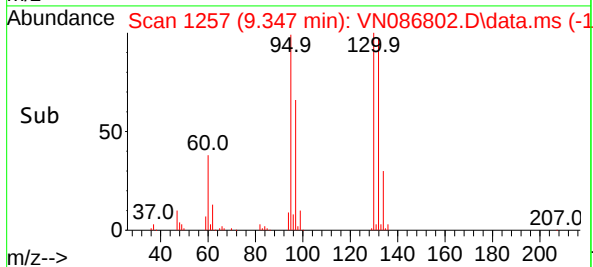
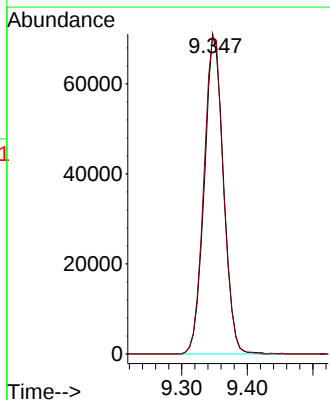
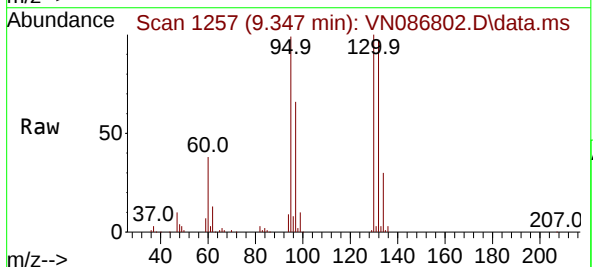
Manual Integrations
APPROVED

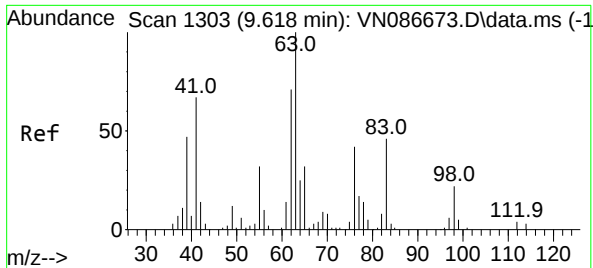
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 57.675 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

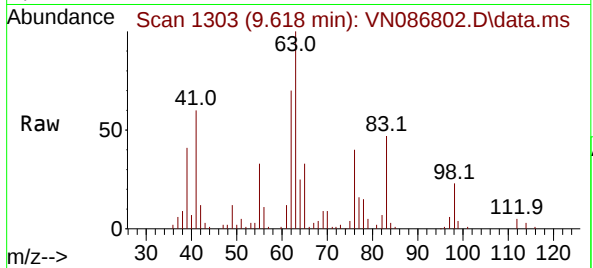
Tgt Ion:130 Resp: 144030
Ion Ratio Lower Upper
130 100
95 99.2 0.0 197.0





#45
1,2-Dichloropropane
Concen: 51.091 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

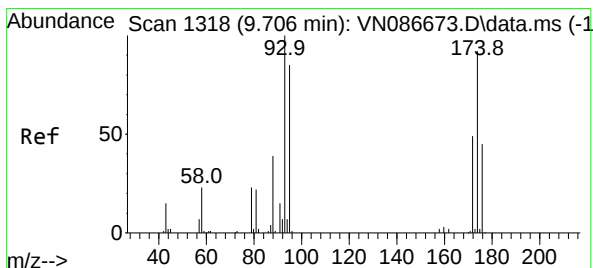
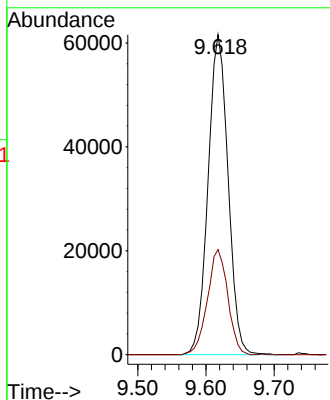
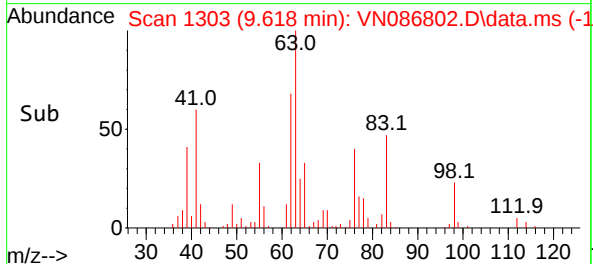
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 125664
Ion Ratio Lower Upper
63 100
65 32.8 25.8 38.6

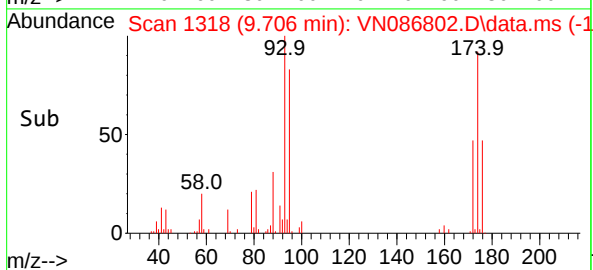
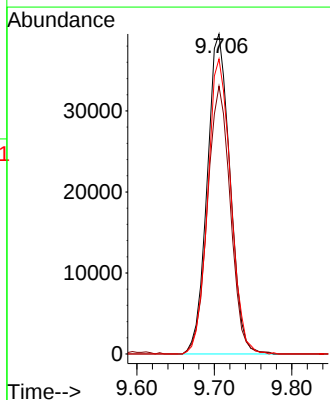
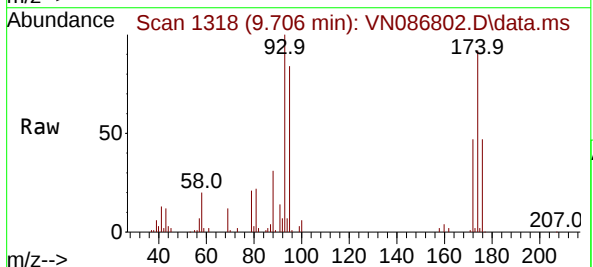
Manual Integrations
APPROVED

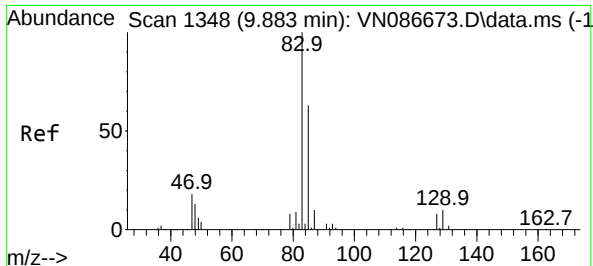
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#46
Dibromomethane
Concen: 48.795 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

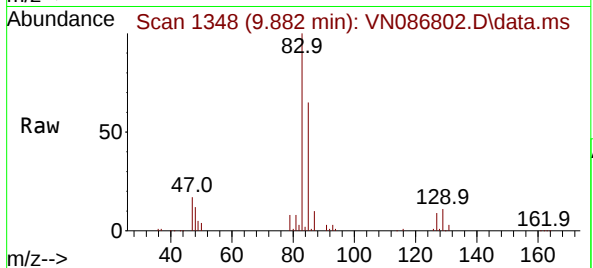
Tgt Ion: 93 Resp: 80982
Ion Ratio Lower Upper
93 100
95 83.7 67.1 100.7
174 92.7 73.8 110.6





#47
Bromodichloromethane
Concen: 50.550 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

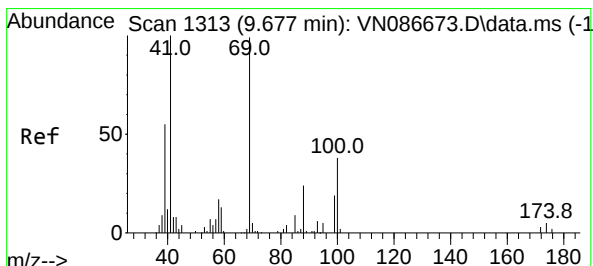
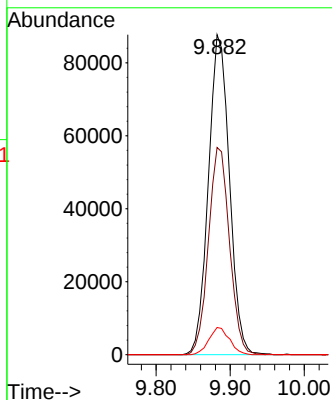
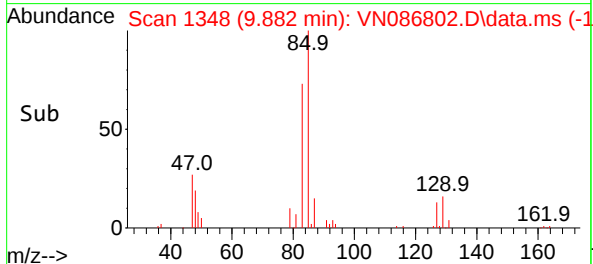
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



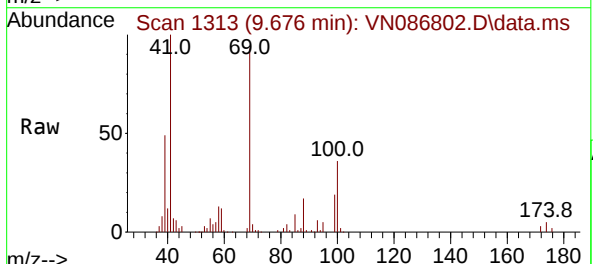
Tgt Ion: 83 Resp: 17286
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.5 6.2 9.4

Manual Integrations
APPROVED

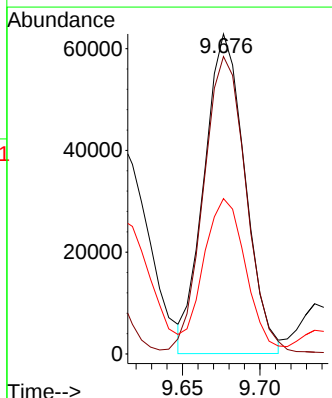
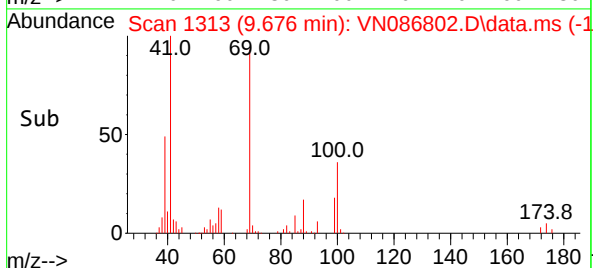
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

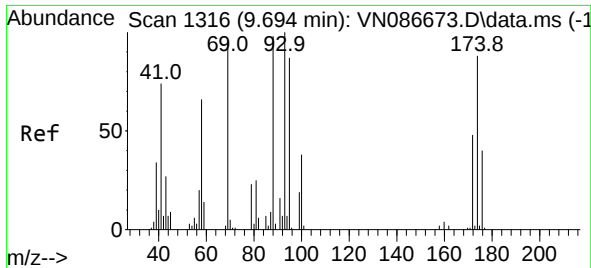


#48
Methyl methacrylate
Concen: 46.195 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



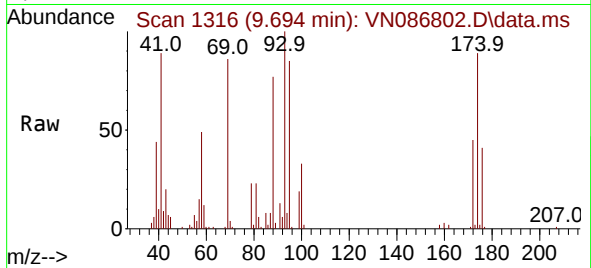
Tgt Ion: 41 Resp: 115051
Ion Ratio Lower Upper
41 100
69 98.0 74.1 111.1
39 51.1 44.1 66.1





#49
1,4-Dioxane
Concen: 823.445 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

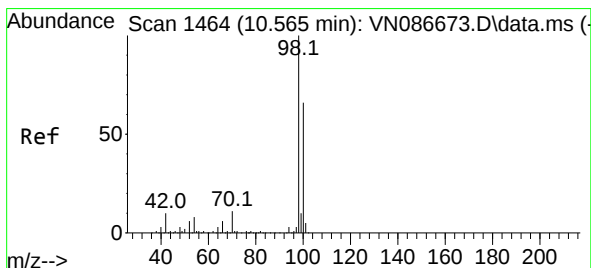
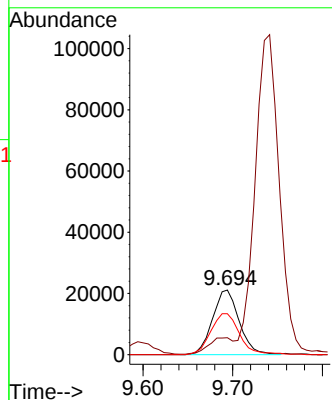
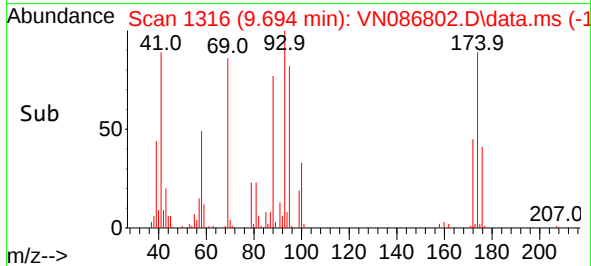
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 43420
Ion Ratio Lower Upper
88 100
43 22.9 23.6 35.4
58 69.4 55.3 82.9

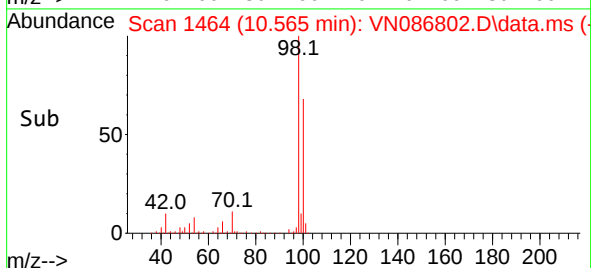
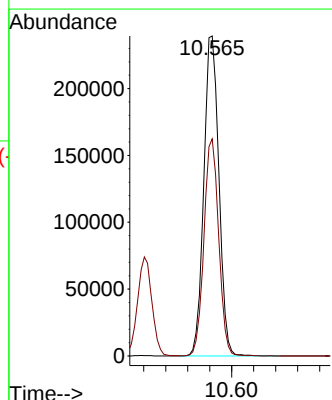
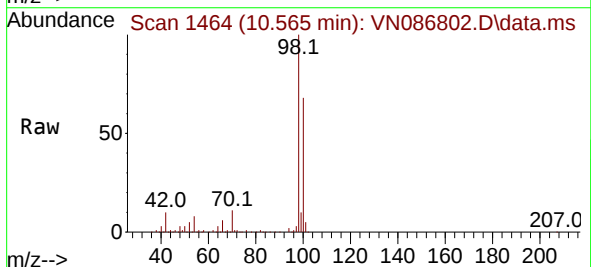
Manual Integrations
APPROVED

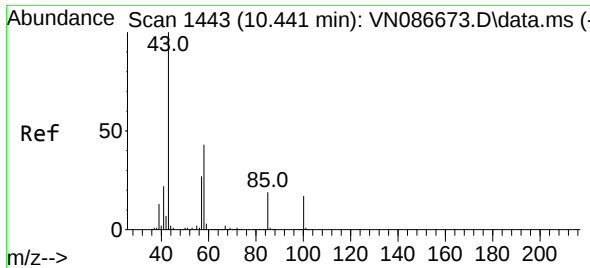
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 51.124 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

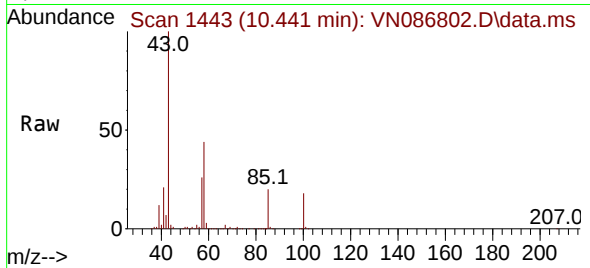
Tgt Ion: 98 Resp: 455862
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 227.255 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

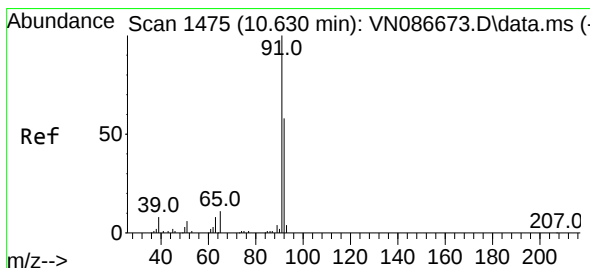
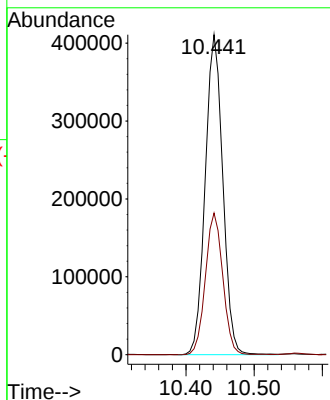
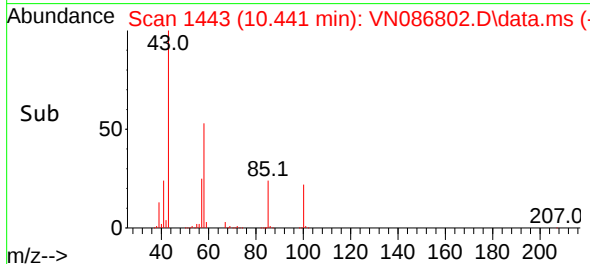
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



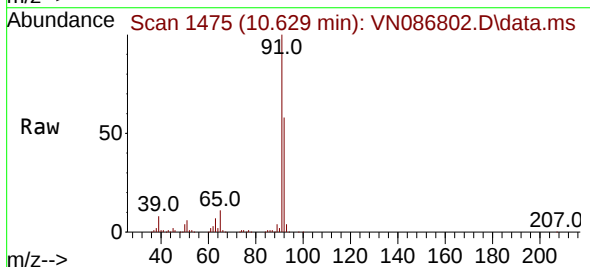
Tgt Ion: 43 Resp: 736578
Ion Ratio Lower Upper
43 100
58 43.9 33.9 50.9

Manual Integrations
APPROVED

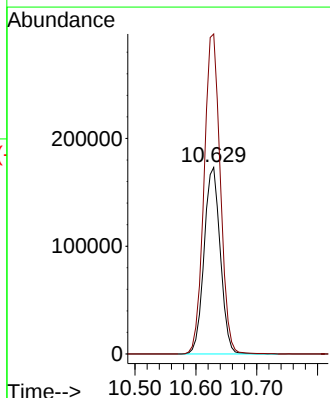
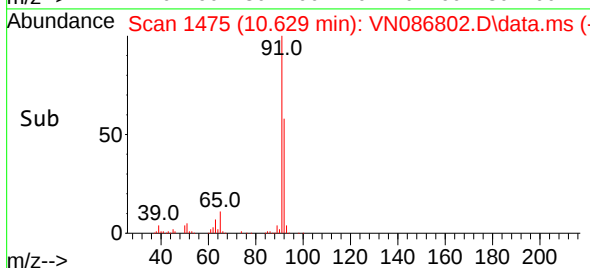
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

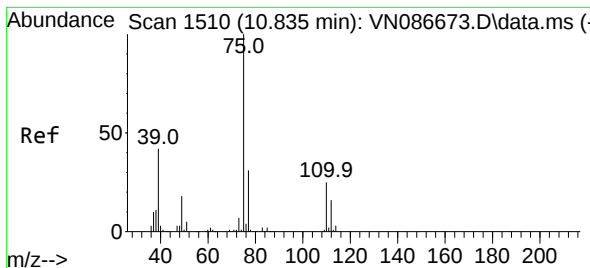


#52
Toluene
Concen: 49.662 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



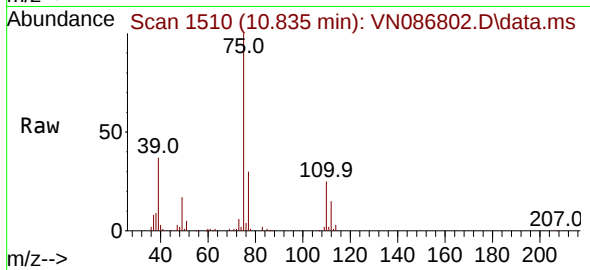
Tgt Ion: 92 Resp: 319579
Ion Ratio Lower Upper
92 100
91 172.5 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 51.596 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

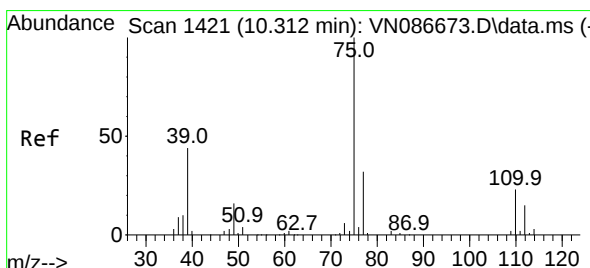
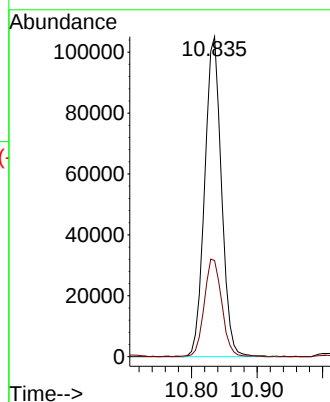
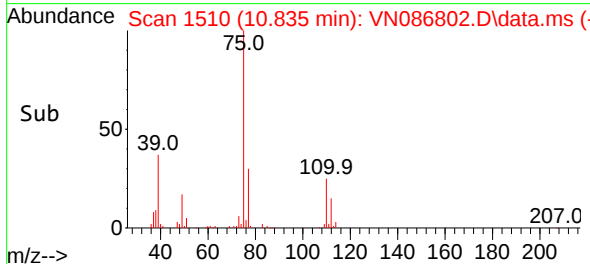
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



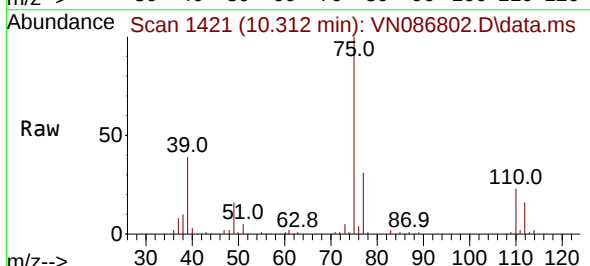
Tgt Ion: 75 Resp: 186800
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8

Manual Integrations
APPROVED

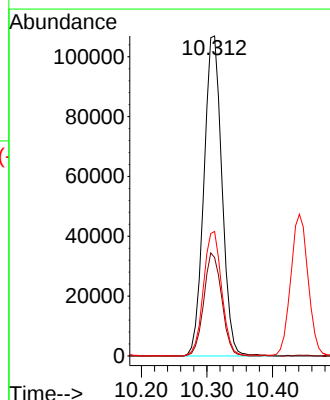
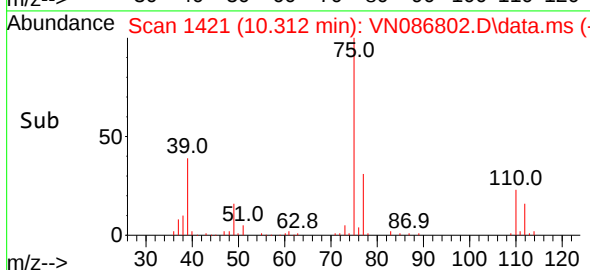
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

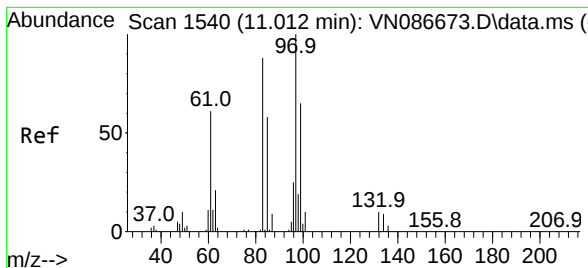


#54
cis-1,3-Dichloropropene
Concen: 51.858 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



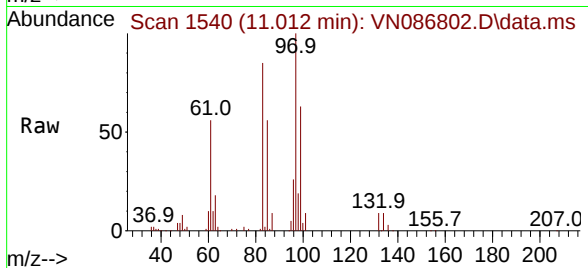
Tgt Ion: 75 Resp: 204958
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 38.9 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 49.087 ug/l
RT: 11.012 min Scan# 11783
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

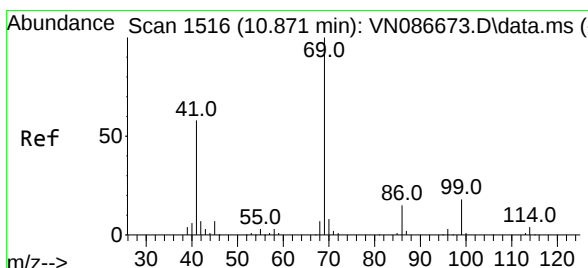
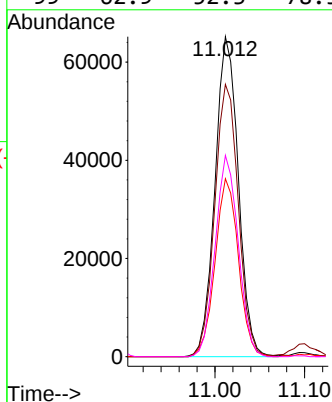
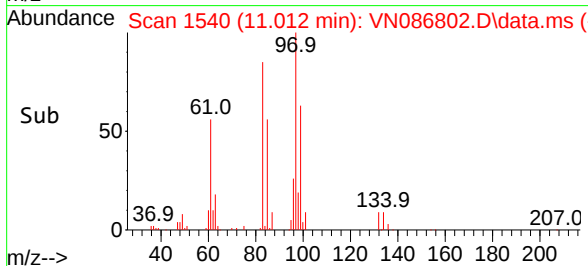
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



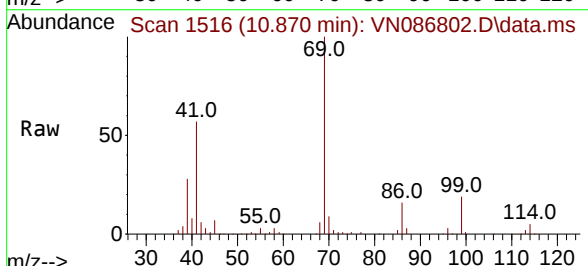
Tgt Ion:	97	Resp:	11783
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.4	105.6
85	55.6	46.1	69.1
99	62.9	52.3	78.5

Manual Integrations
APPROVED

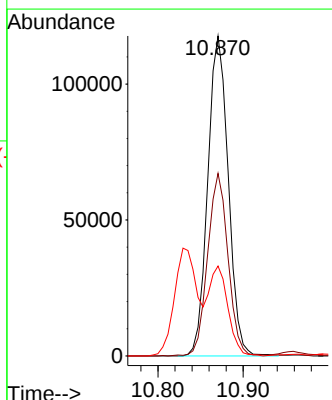
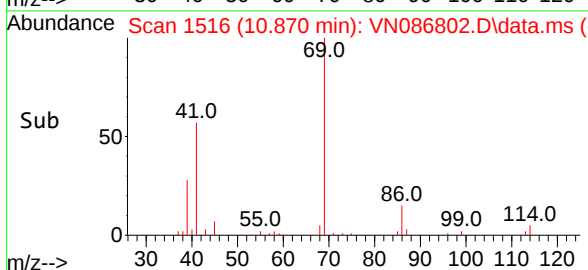
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

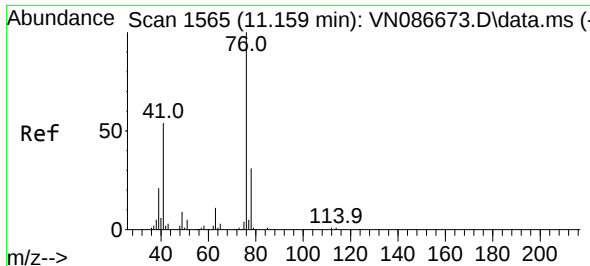


#56
Ethyl methacrylate
Concen: 51.018 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



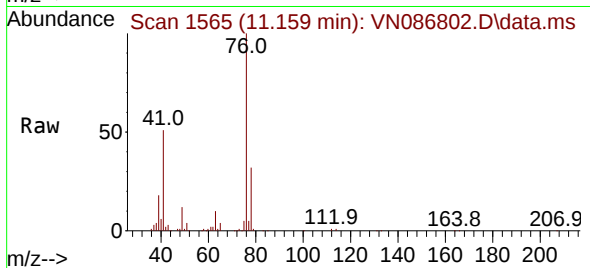
Tgt Ion:	69	Resp:	196636
Ion	Ratio	Lower	Upper
69	100		
41	56.9	47.4	71.0
39	26.3	24.0	36.0





#57
1,3-Dichloropropane
Concen: 49.838 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

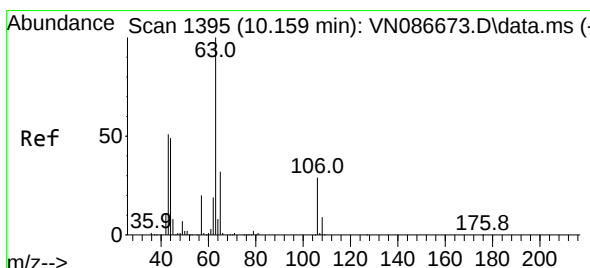
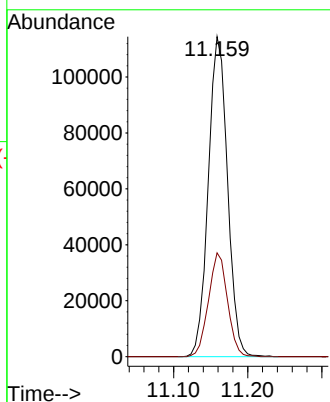
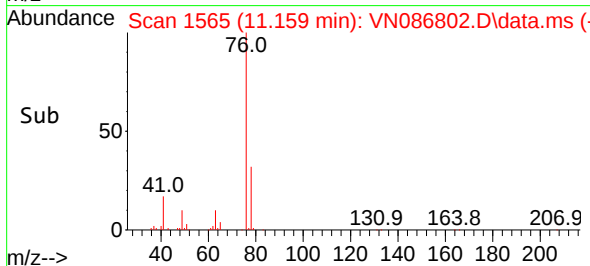
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 206104
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.8

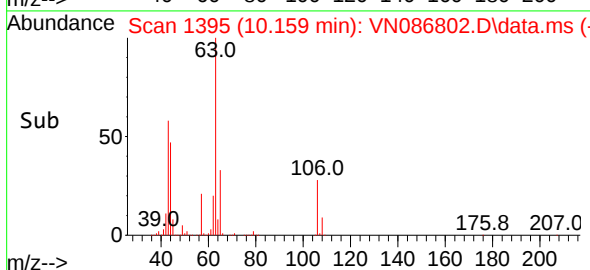
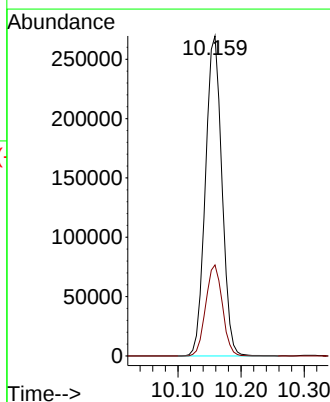
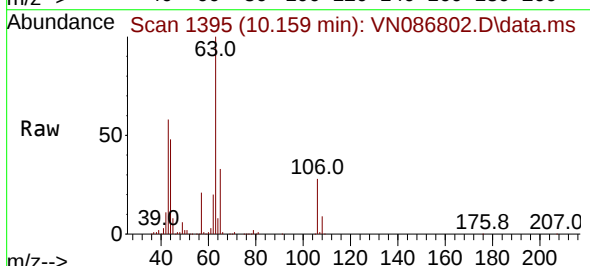
Manual Integrations
APPROVED

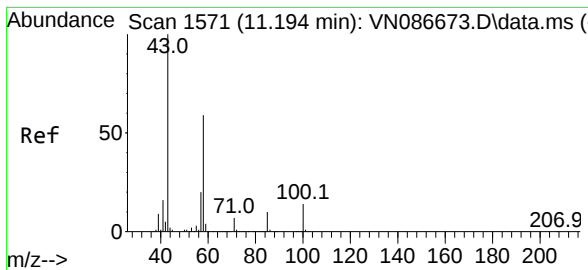
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 283.168 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

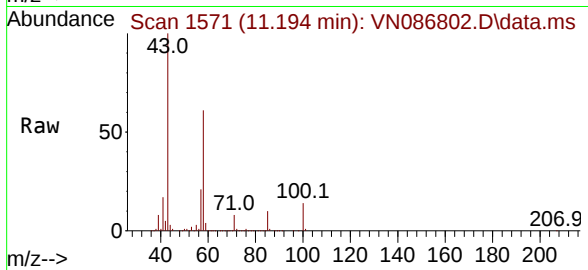
Tgt Ion: 63 Resp: 487772
Ion Ratio Lower Upper
63 100
106 28.8 23.1 34.7





#59
2-Hexanone
Concen: 227.741 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

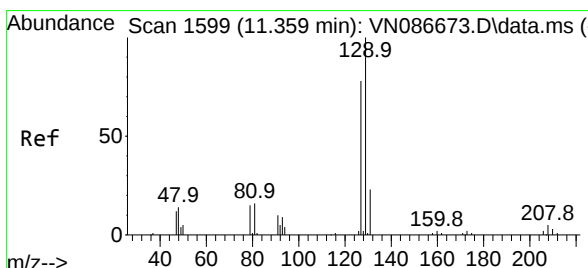
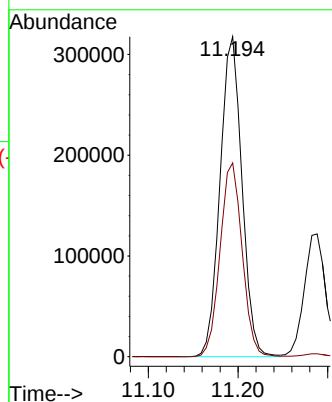
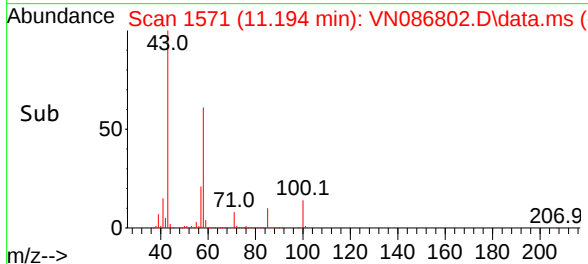
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 53904
Ion Ratio Lower Upper
43 100
58 61.0 29.8 89.5

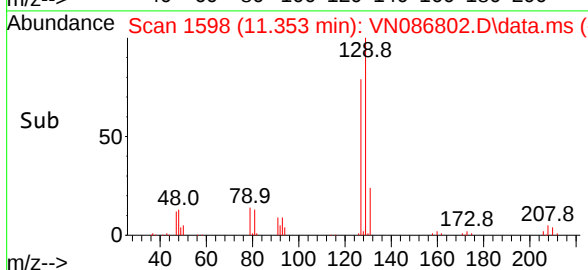
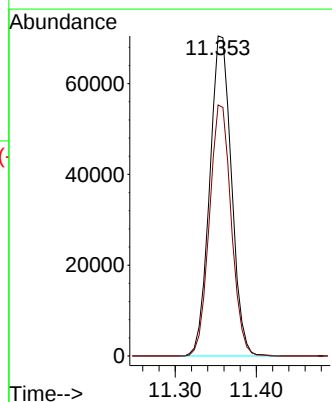
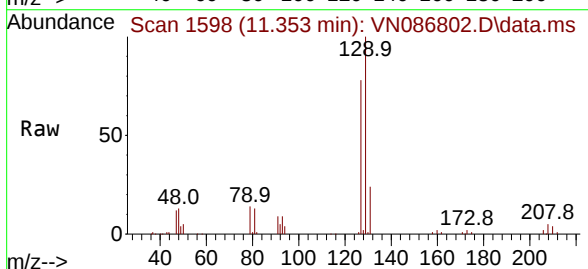
Manual Integrations
APPROVED

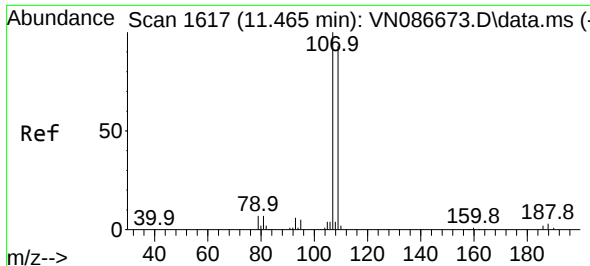
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 52.246 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

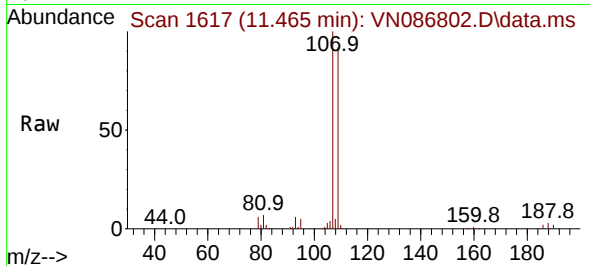
Tgt Ion:129 Resp: 131436
Ion Ratio Lower Upper
129 100
127 78.4 39.5 118.3





#61
1,2-Dibromoethane
Concen: 48.746 ug/l
RT: 11.465 min Scan# 11758
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

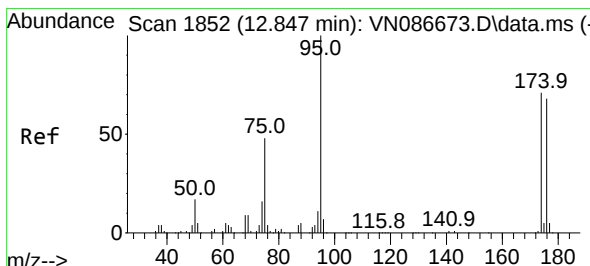
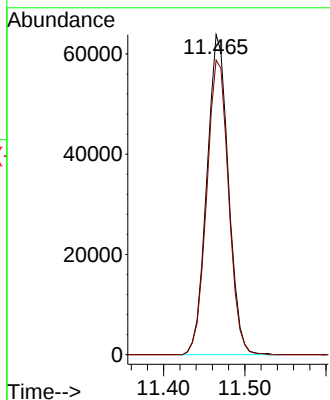
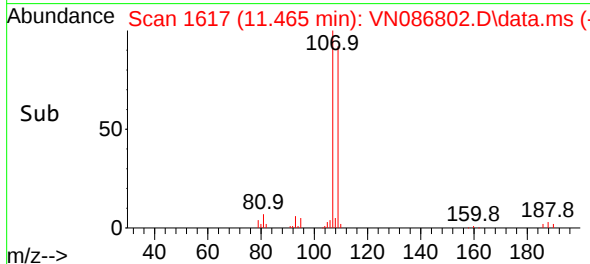
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 11758
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.4

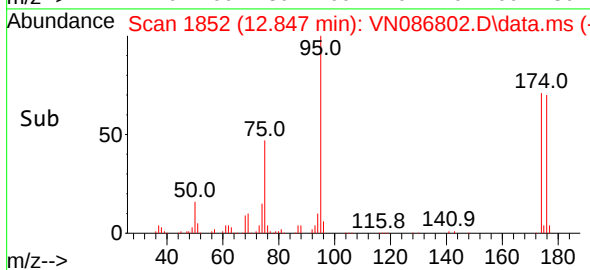
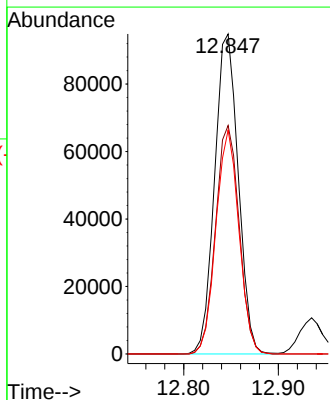
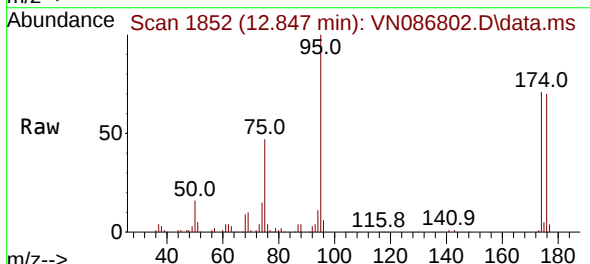
Manual Integrations
APPROVED

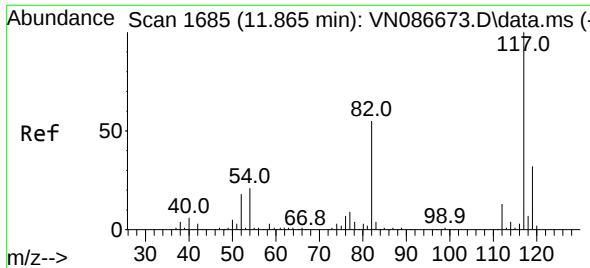
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 52.258 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

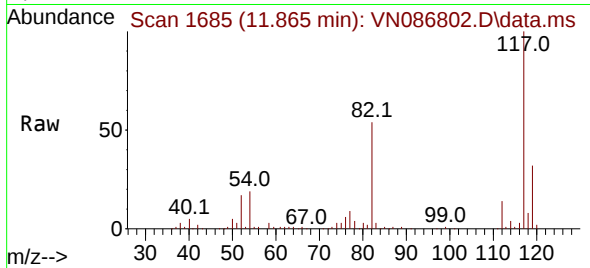
Tgt Ion: 95 Resp: 164534
Ion Ratio Lower Upper
95 100
174 71.3 0.0 145.4
176 68.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

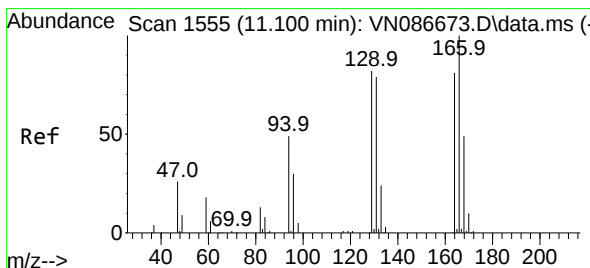
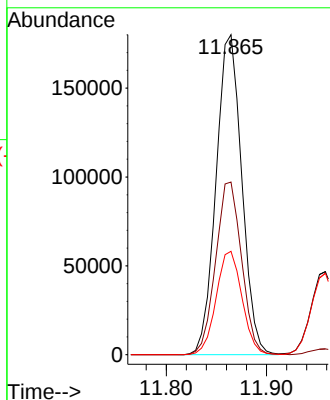
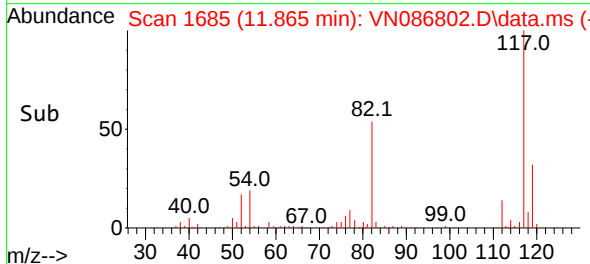
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 321050
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.3 25.4 38.2

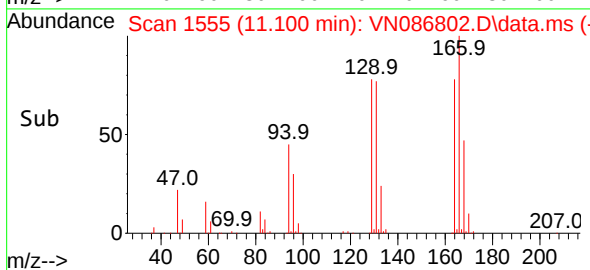
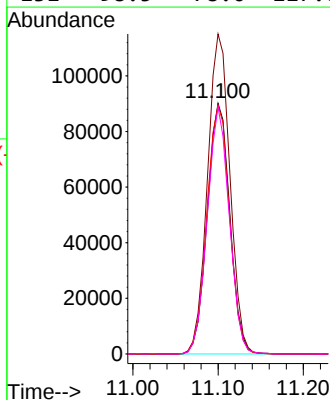
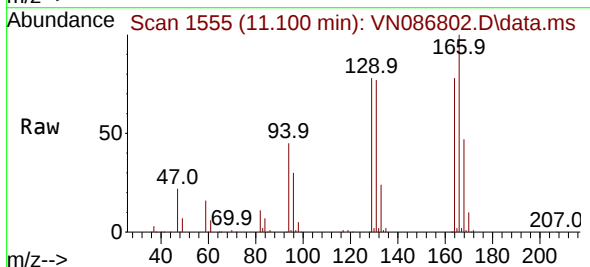
Manual Integrations
APPROVED

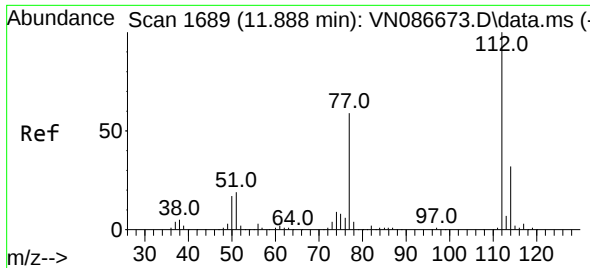
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 67.415 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

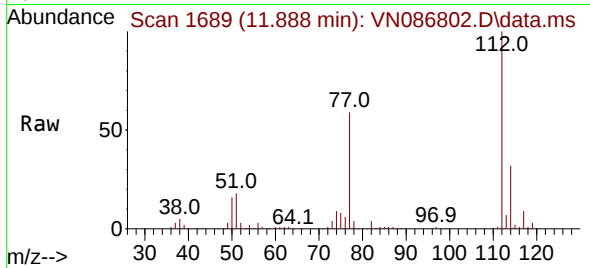
Tgt Ion:164 Resp: 165804
Ion Ratio Lower Upper
164 100
166 127.7 98.2 147.4
129 99.4 81.0 121.4
131 98.5 78.0 117.0





#65
Chlorobenzene
Concen: 50.111 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

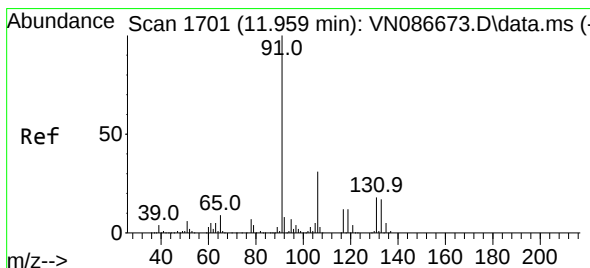
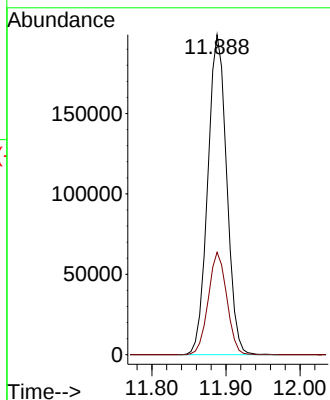
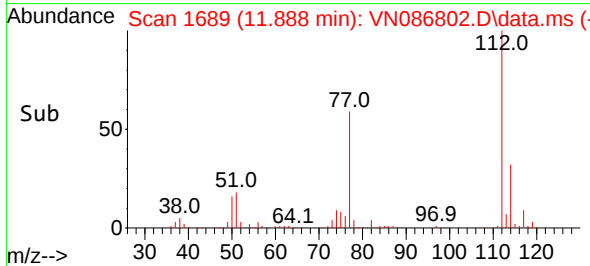
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



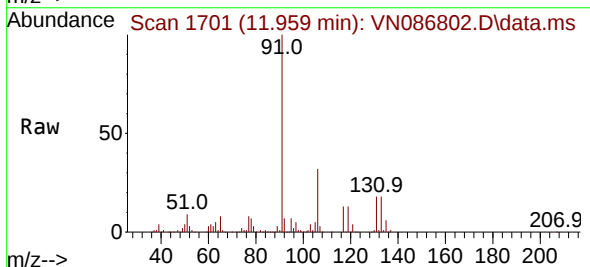
Tgt Ion:112 Resp: 35279
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

Manual Integrations
APPROVED

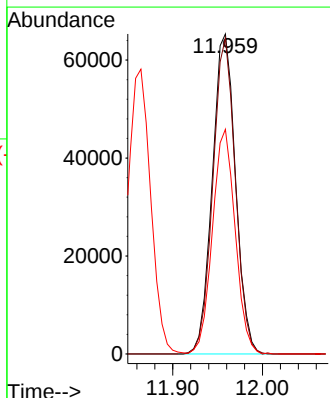
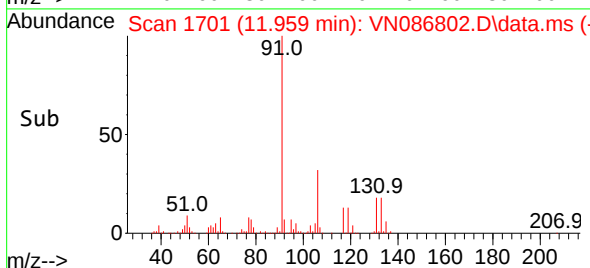
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

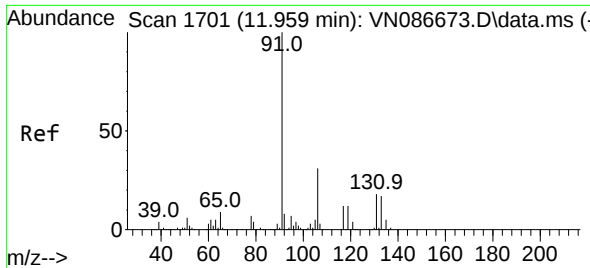


#66
1,1,1,2-Tetrachloroethane
Concen: 51.636 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



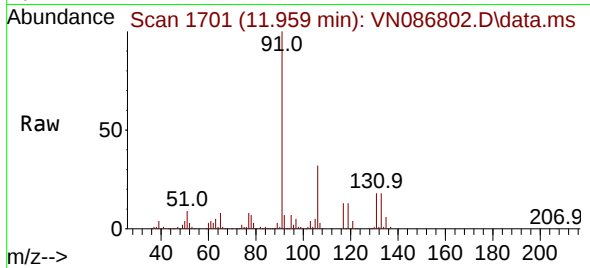
Tgt Ion:131 Resp: 117357
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 68.8 33.6 100.8





#67
Ethyl Benzene
Concen: 50.333 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

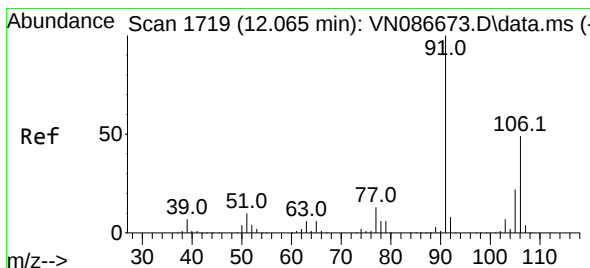
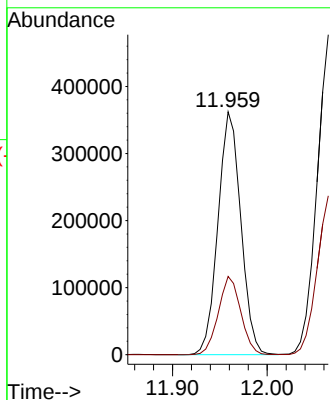
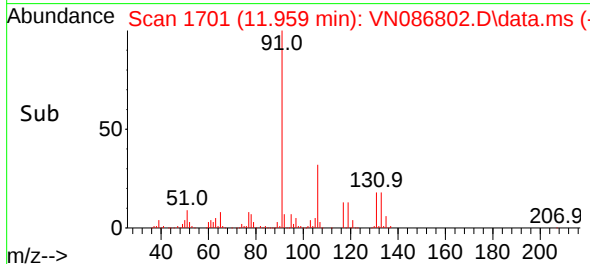
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



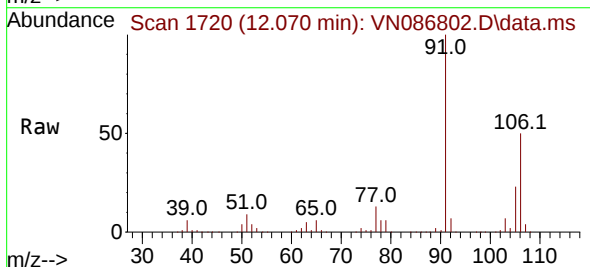
Tgt Ion: 91 Resp: 606945
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

Manual Integrations
APPROVED

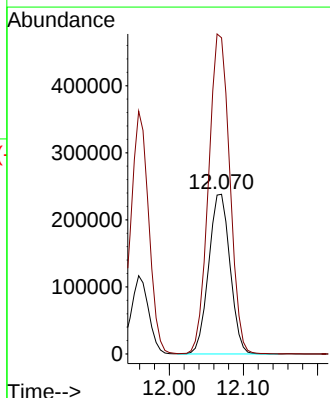
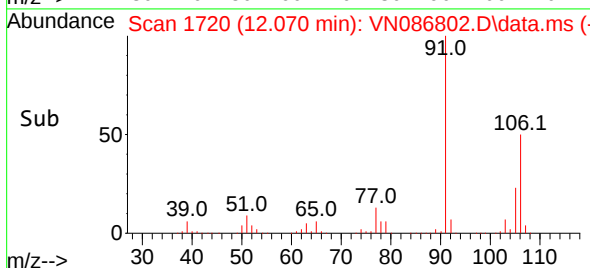
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

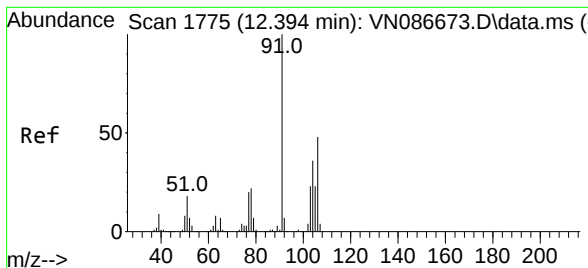


#68
m/p-Xylenes
Concen: 104.260 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



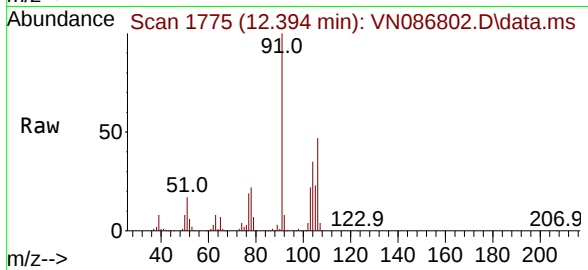
Tgt Ion:106 Resp: 476195
Ion Ratio Lower Upper
106 100
91 198.8 162.4 243.6





#69
o-Xylene
Concen: 50.963 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

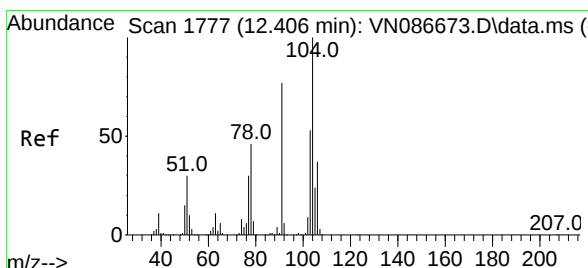
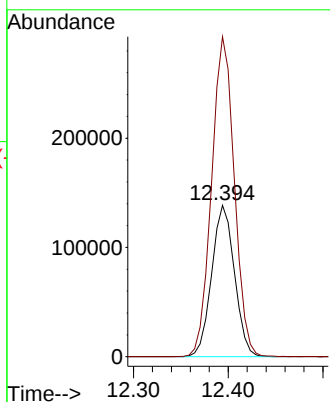
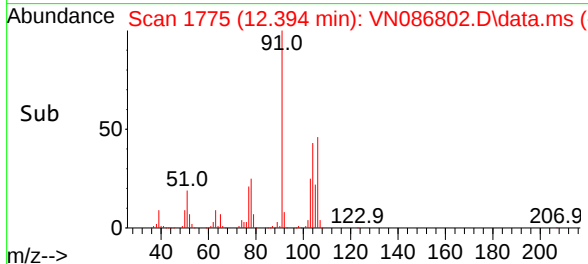
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



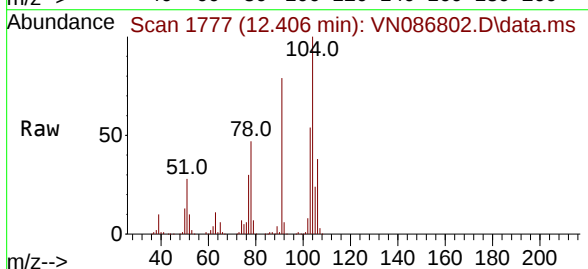
Tgt Ion:106 Resp: 231411
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1

Manual Integrations
APPROVED

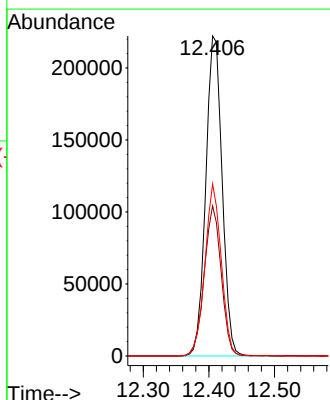
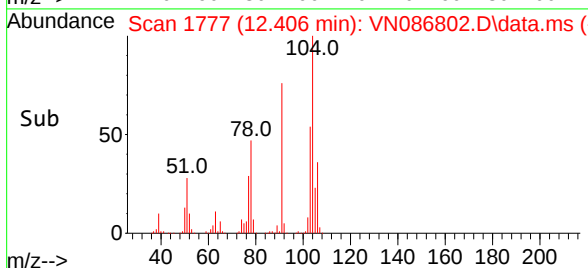
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

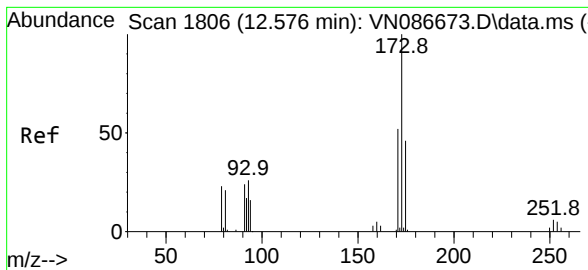


#70
Styrene
Concen: 51.984 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion:104 Resp: 386464
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 53.7 43.8 65.8





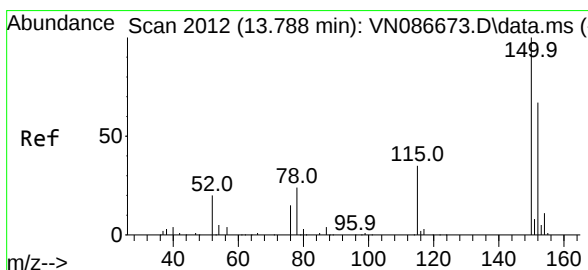
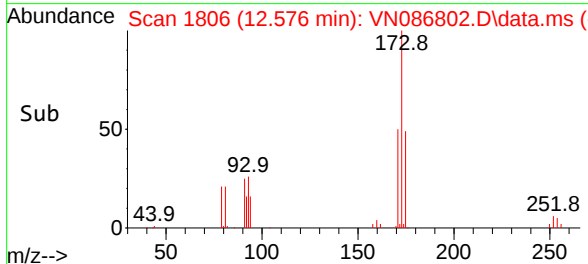
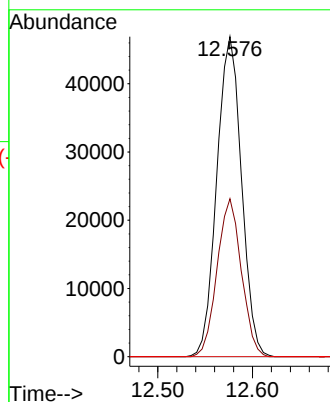
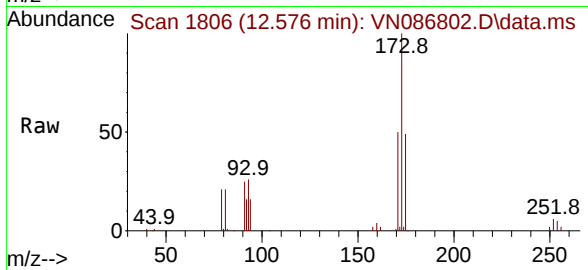
#71
Bromoform
Concen: 52.619 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	173	Resp:	8505
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.4	70.2
254	0.0	0.0	0.0

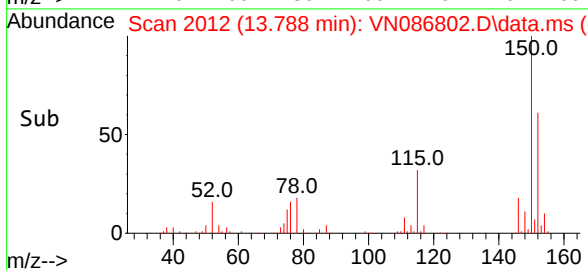
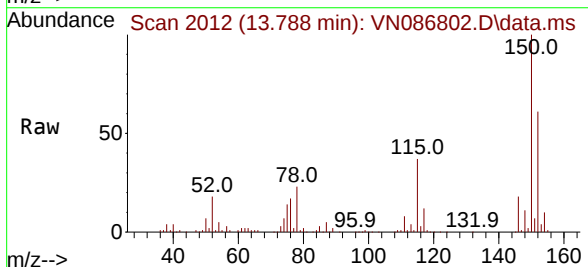
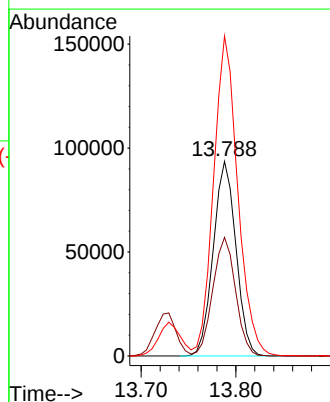
Manual Integrations
APPROVED

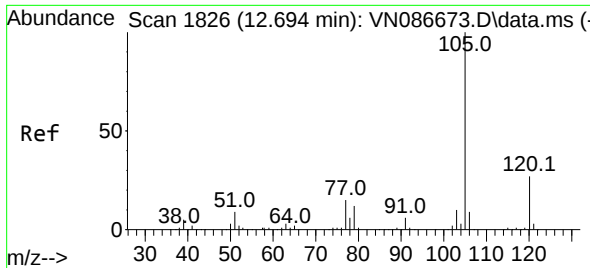
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Tgt Ion:	152	Resp:	155644
Ion Ratio	Lower	Upper	
152	100		
115	61.1	30.0	90.1
150	175.2	0.0	347.8





#73
Isopropylbenzene
Concen: 46.315 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Instrument :

MSVOA_N

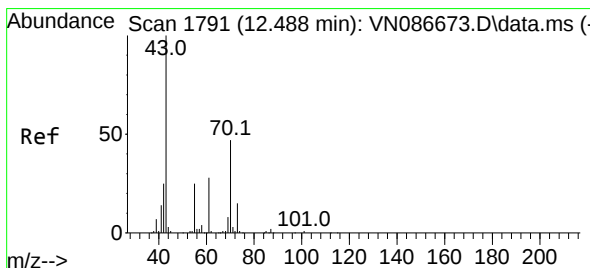
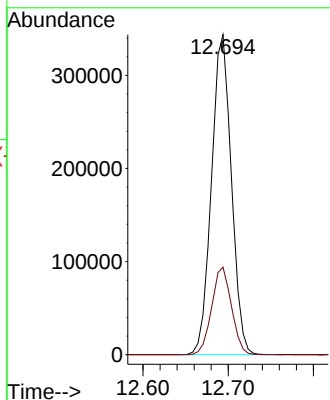
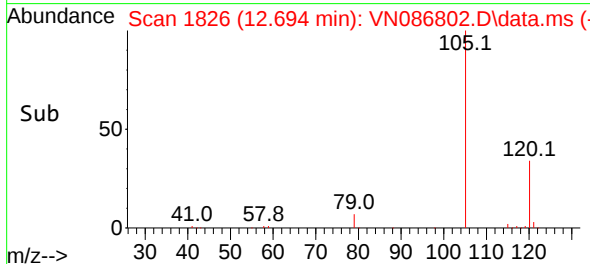
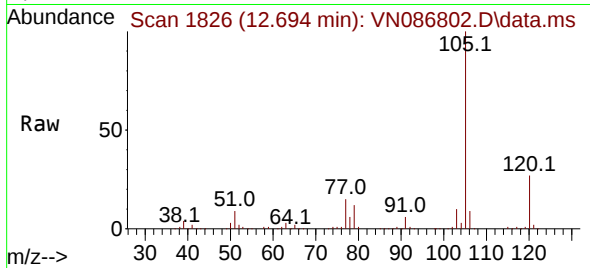
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 55675
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1

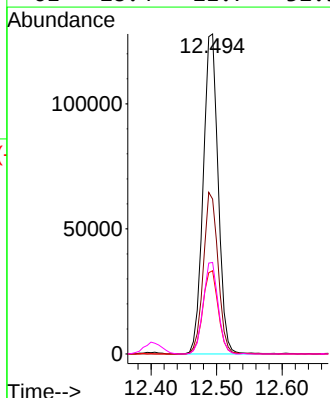
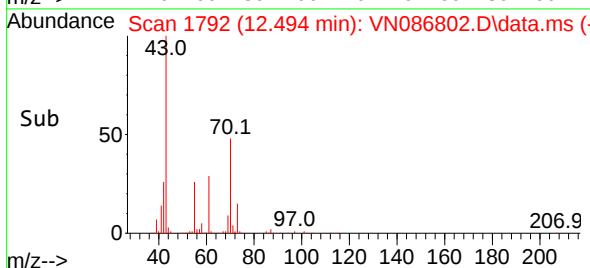
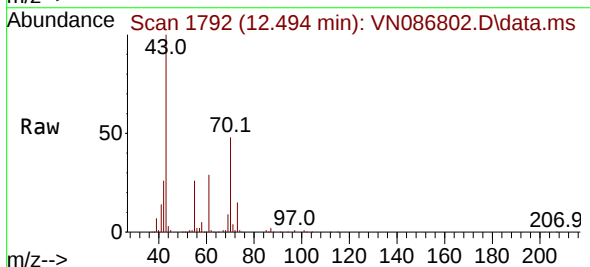
Manual Integrations
APPROVED

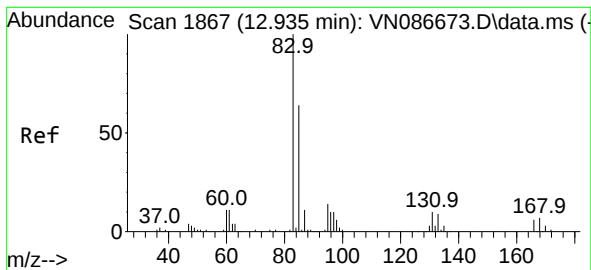
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 40.494 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

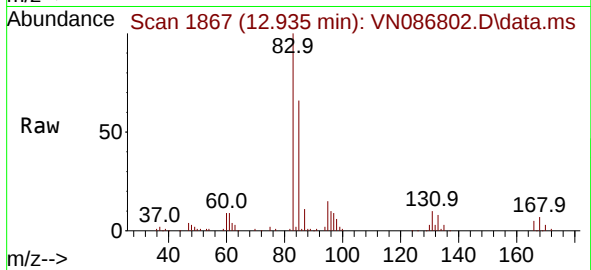
Tgt Ion: 43 Resp: 203380
Ion Ratio Lower Upper
43 100
70 49.5 37.9 56.9
55 26.8 20.5 30.7
61 28.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 34.140 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

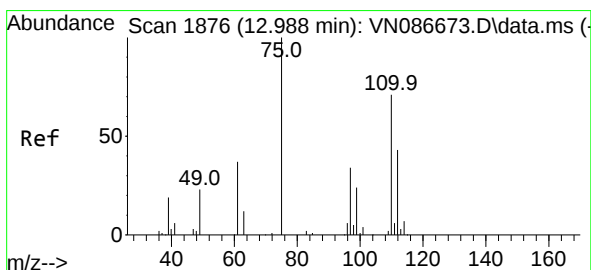
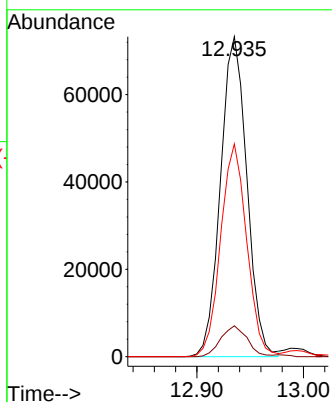
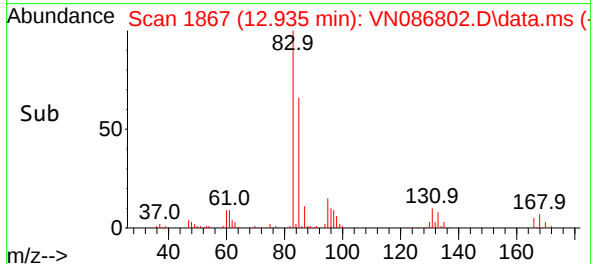
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126082
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 65.6 32.4 97.2

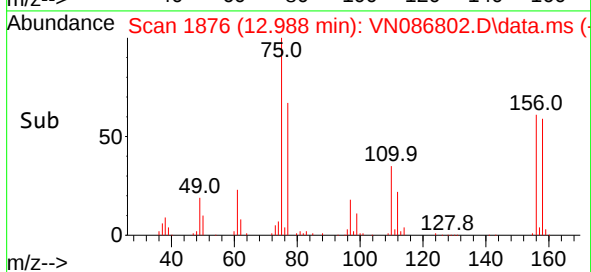
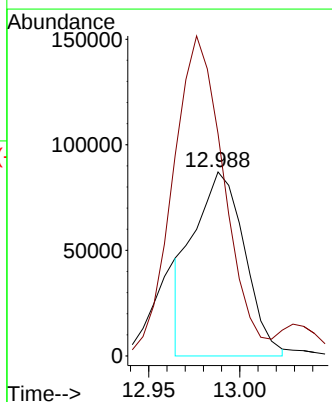
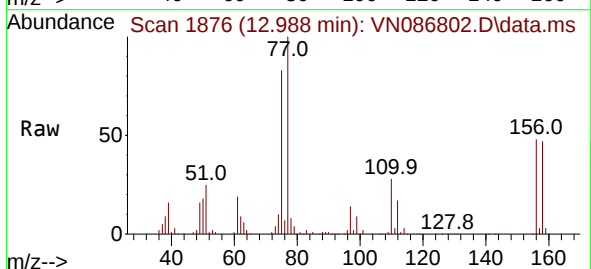
Manual Integrations
APPROVED

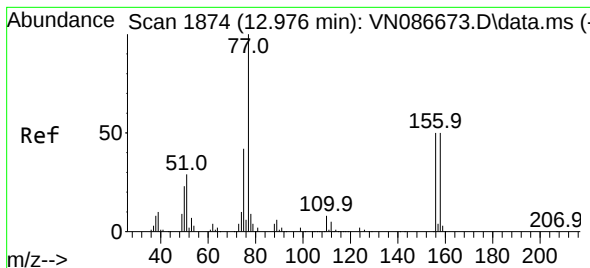
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 48.318 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

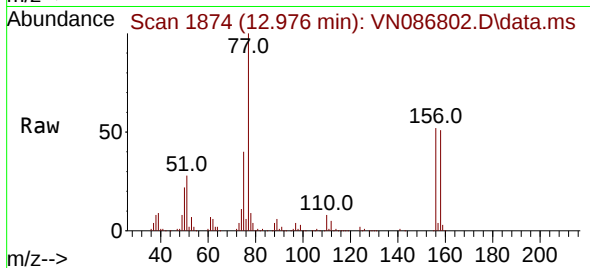
Tgt Ion: 75 Resp: 170080
Ion Ratio Lower Upper
75 100
77 175.8 96.0 288.1





#77
Bromobenzene
Concen: 44.816 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

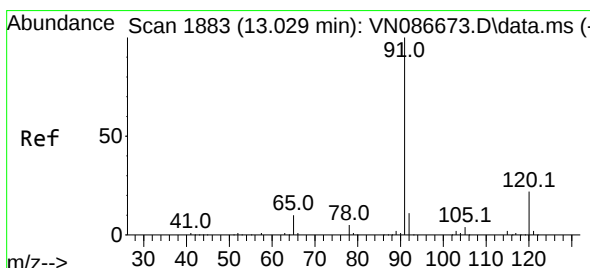
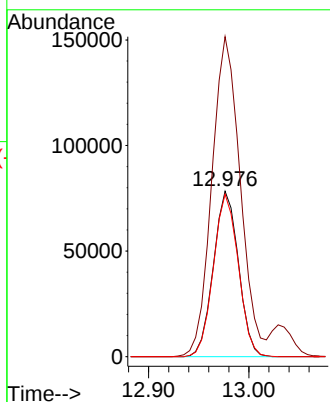
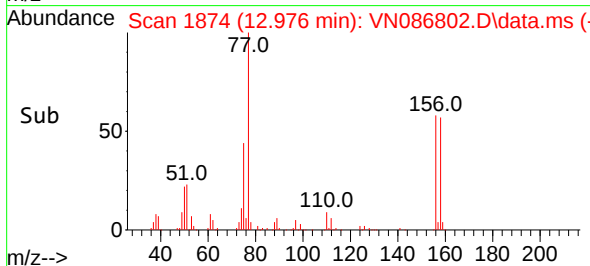
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



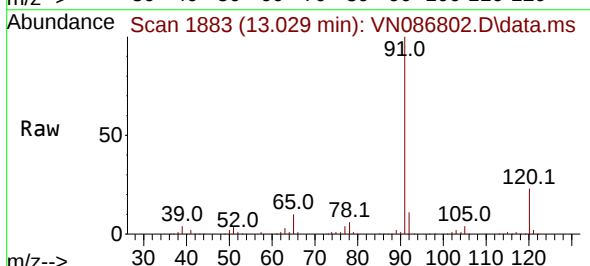
Tgt Ion:156 Resp: 135519
Ion Ratio Lower Upper
156 100
77 220.6 113.1 339.2
158 97.8 48.6 145.9

Manual Integrations
APPROVED

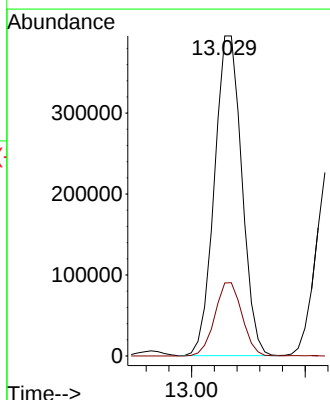
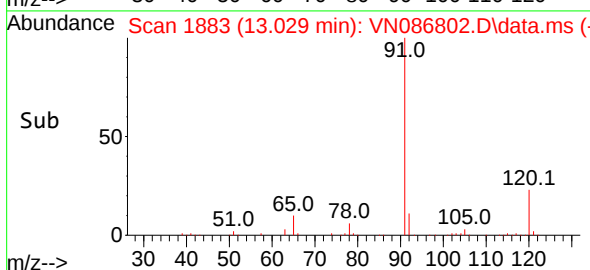
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

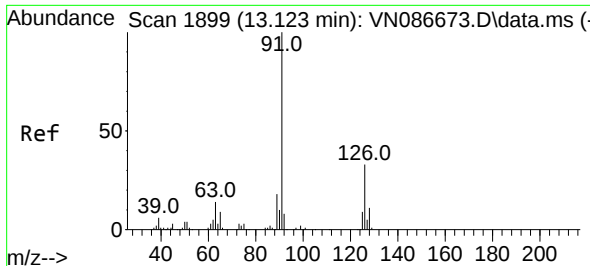


#78
n-propylbenzene
Concen: 47.944 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion: 91 Resp: 661410
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.1





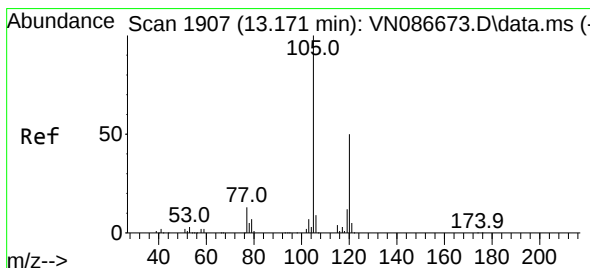
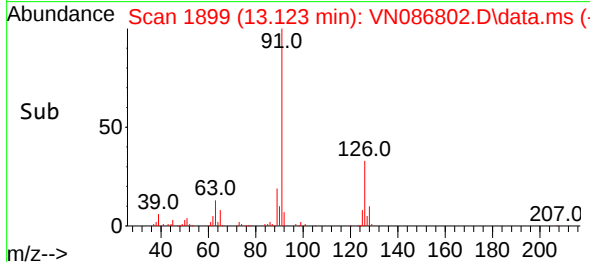
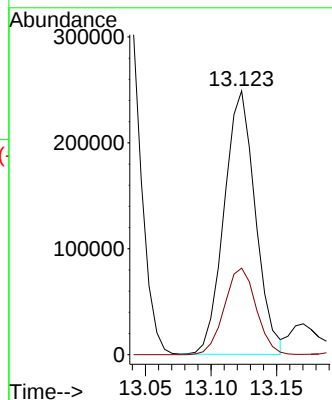
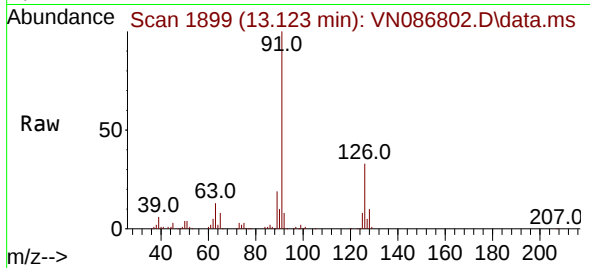
#79
2-Chlorotoluene
Concen: 45.968 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 41232
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7

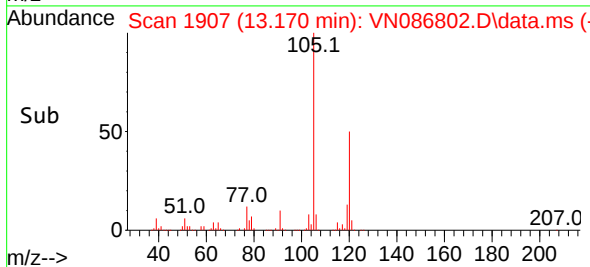
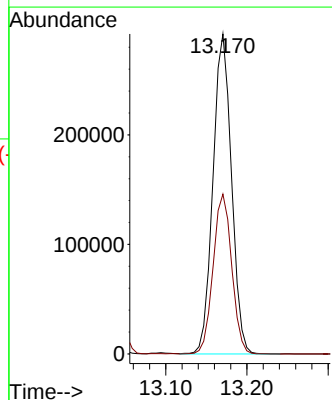
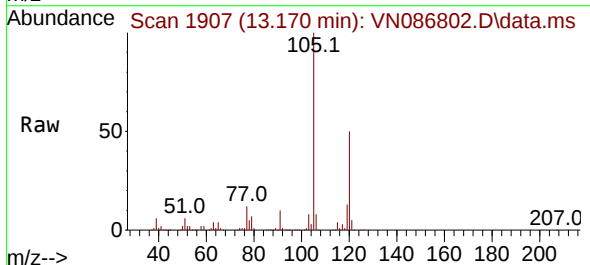
Manual Integrations
APPROVED

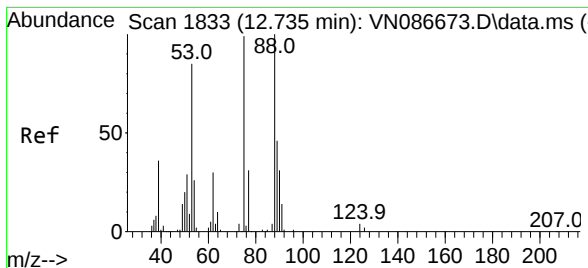
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.041 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

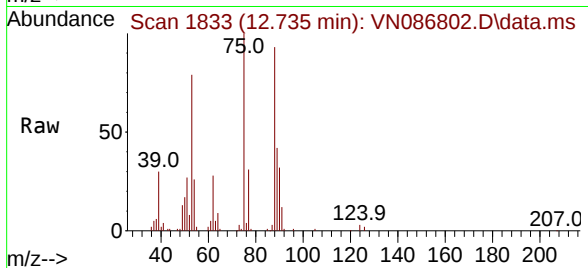
Tgt Ion:105 Resp: 462688
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.839 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

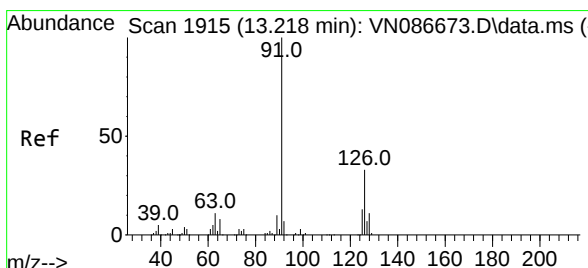
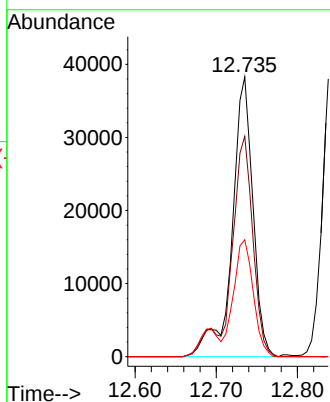
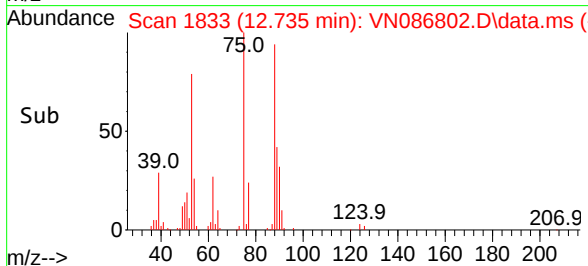
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6812
Ion Ratio Lower Upper
75 100
53 72.7 70.4 105.6
89 39.6 32.4 48.6

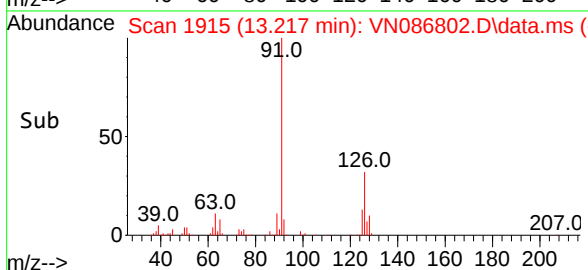
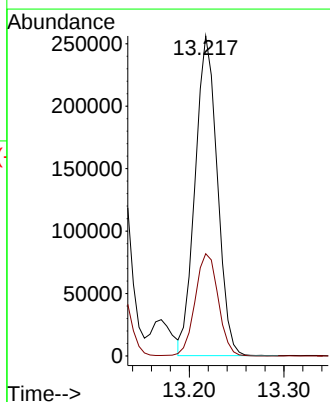
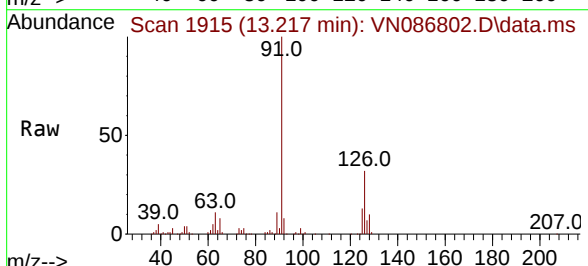
Manual Integrations
APPROVED

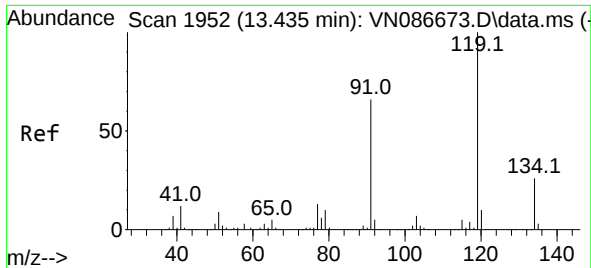
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#82
4-Chlorotoluene
Concen: 46.892 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

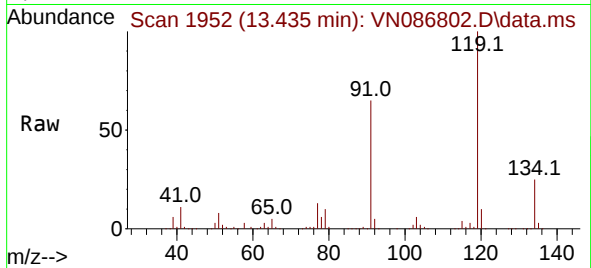
Tgt Ion: 91 Resp: 416711
Ion Ratio Lower Upper
91 100
126 33.3 17.0 50.9





#83
tert-Butylbenzene
Concen: 47.092 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

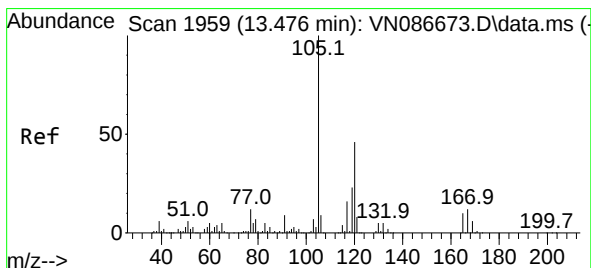
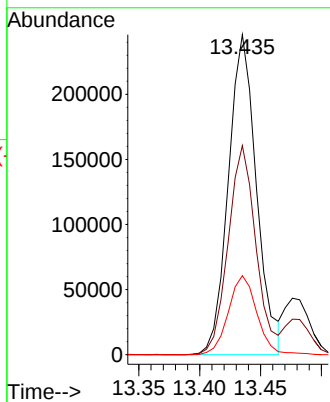
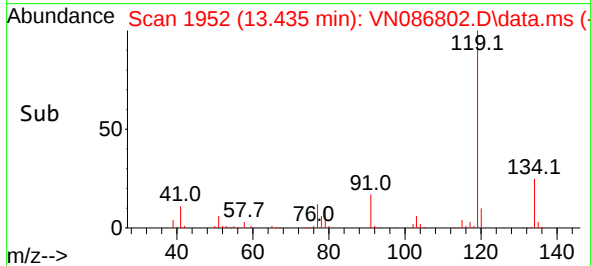
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



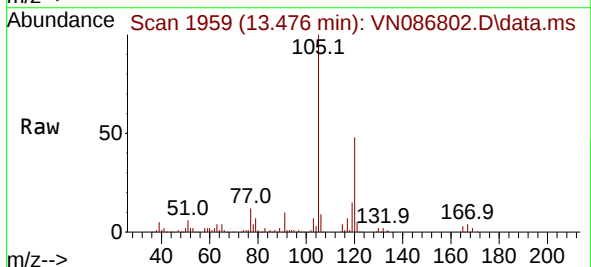
Tgt Ion:119 Resp: 395530
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.7
134 25.1 13.4 40.1

Manual Integrations
APPROVED

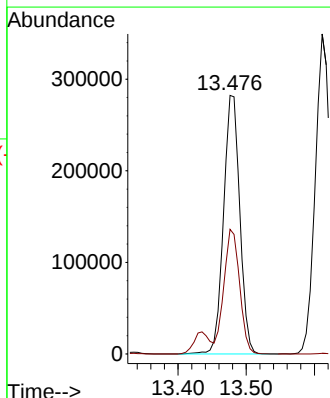
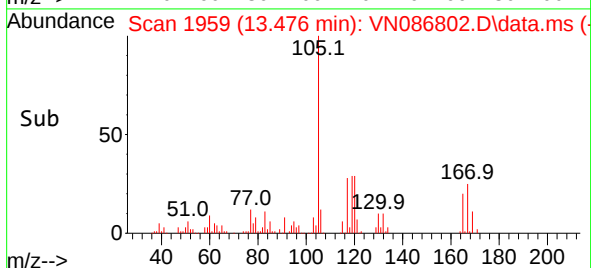
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

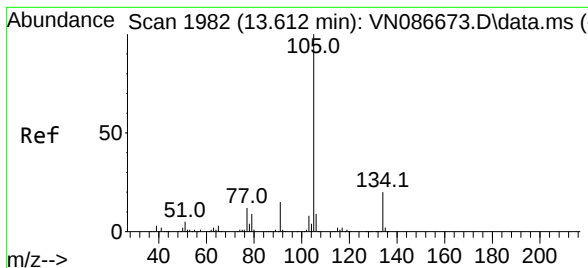


#84
1,2,4-Trimethylbenzene
Concen: 48.871 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion:105 Resp: 468704
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





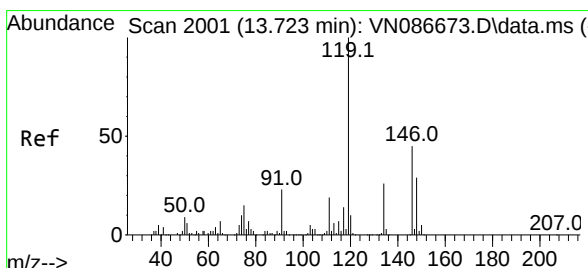
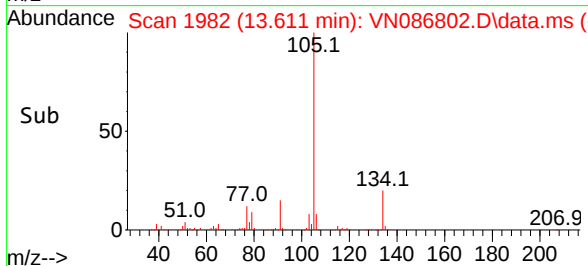
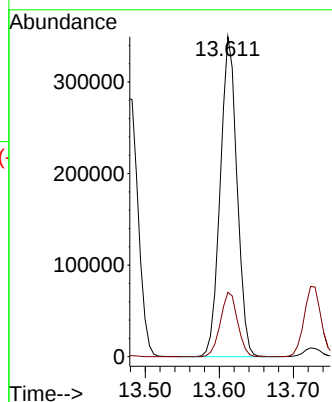
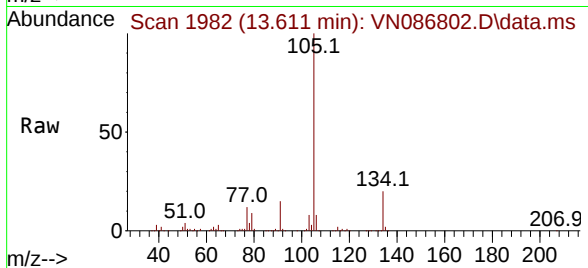
#85
 sec-Butylbenzene
 Concen: 48.766 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 54919
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

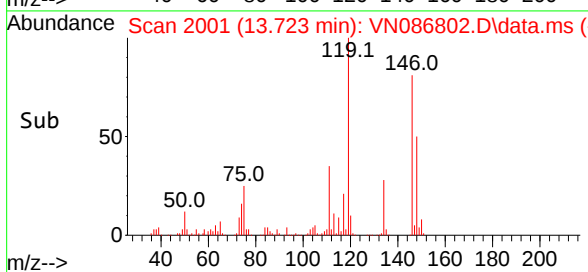
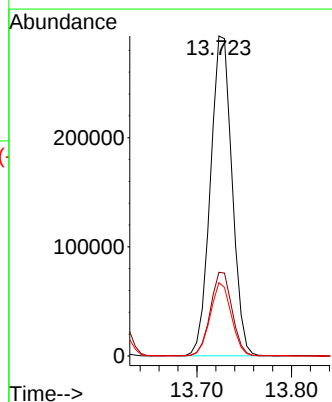
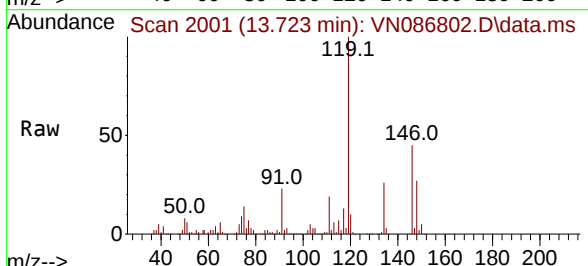
Manual Integrations
 APPROVED

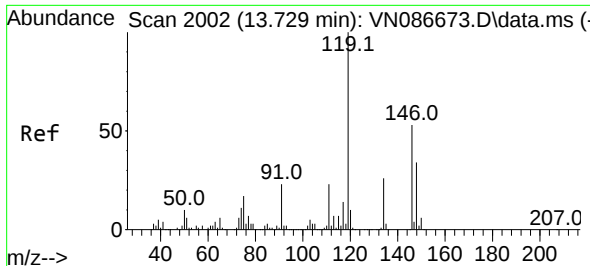
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 50.413 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086802.D
 Acq: 28 May 2025 16:34

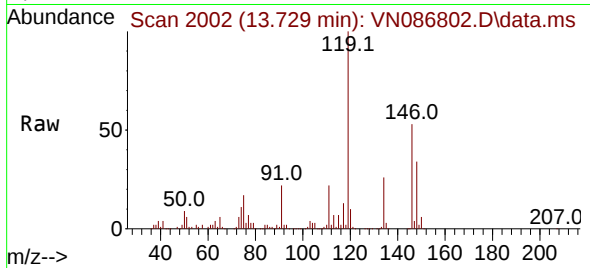
Tgt Ion:119 Resp: 465379
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.4 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 49.124 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

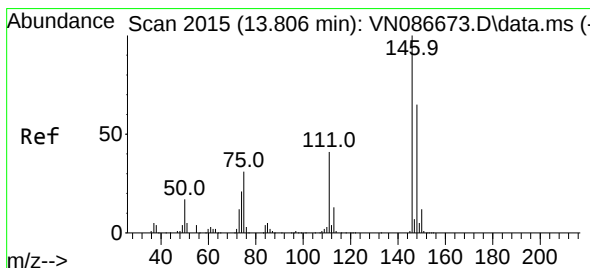
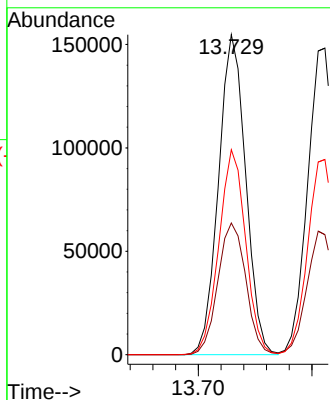
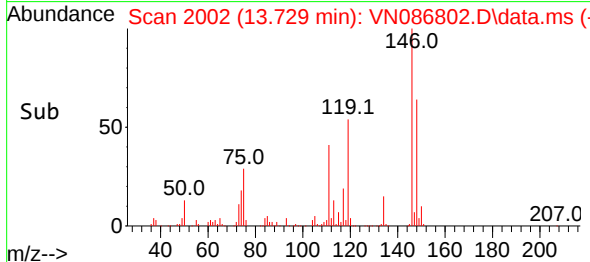
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



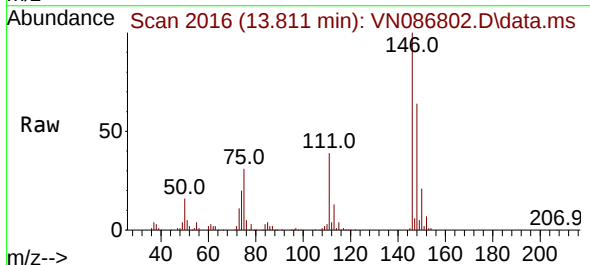
Tgt Ion:146 Resp: 257228
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.7
148 63.2 31.8 95.4

Manual Integrations
APPROVED

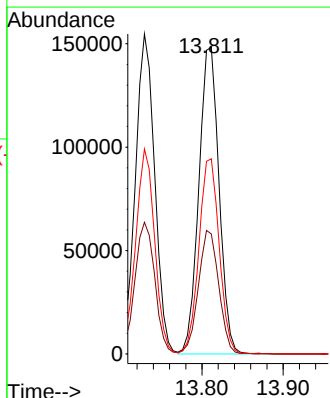
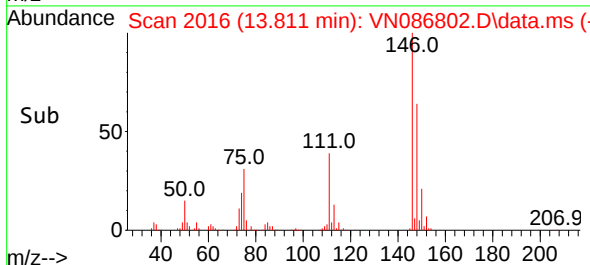
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

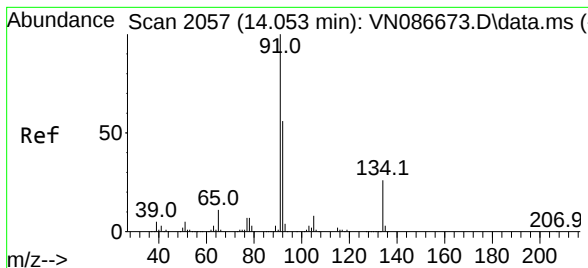


#88
1,4-Dichlorobenzene
Concen: 49.472 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34



Tgt Ion:146 Resp: 256666
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.8 32.0 96.0





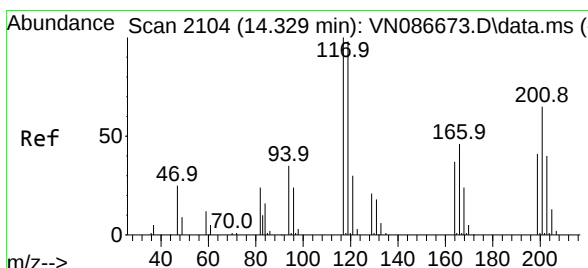
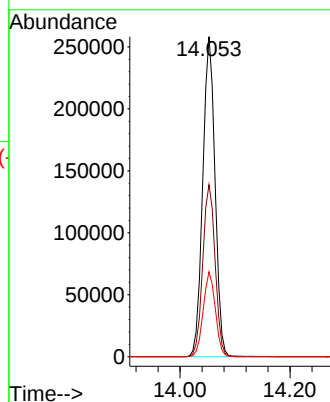
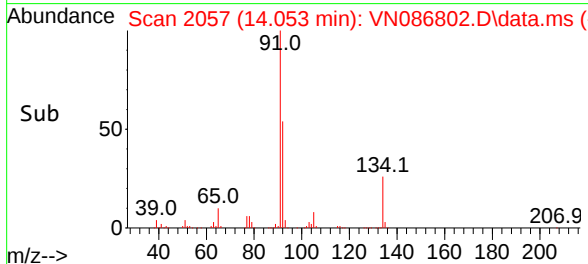
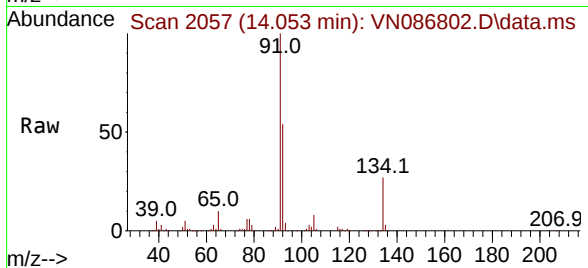
#89
n-Butylbenzene
Concen: 52.312 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 40033
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 26.2 12.8 38.4

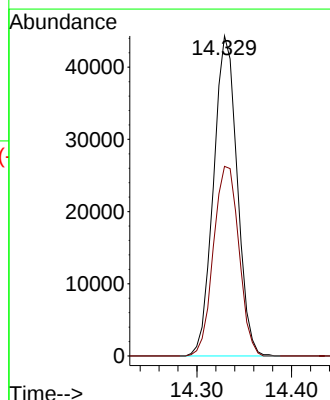
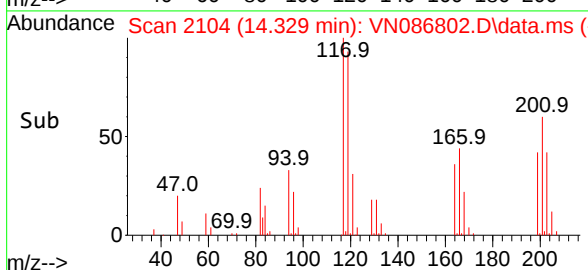
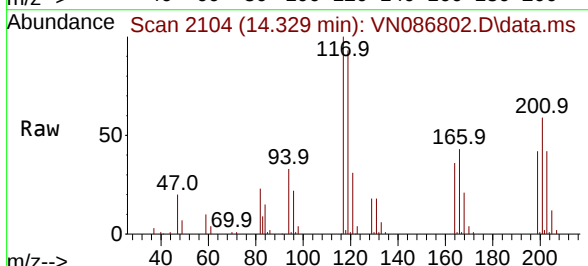
Manual Integrations
APPROVED

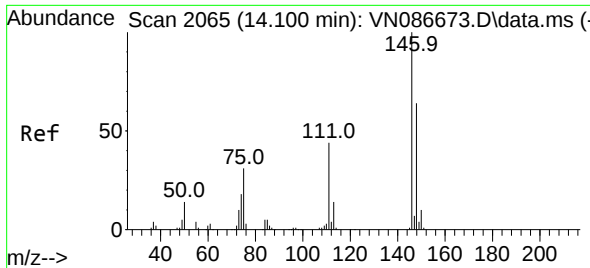
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 50.188 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

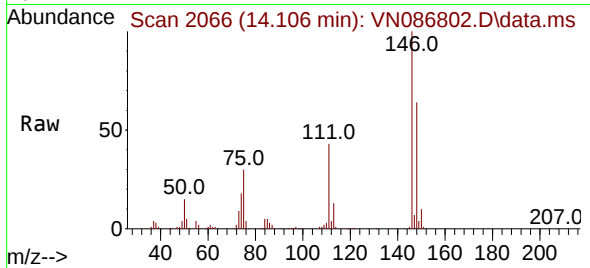
Tgt Ion:117 Resp: 76870
Ion Ratio Lower Upper
117 100
201 63.6 32.0 96.0





#91
1,2-Dichlorobenzene
Concen: 49.947 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

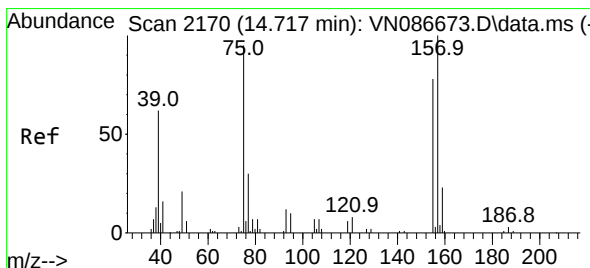
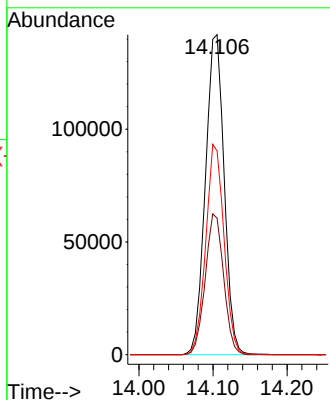
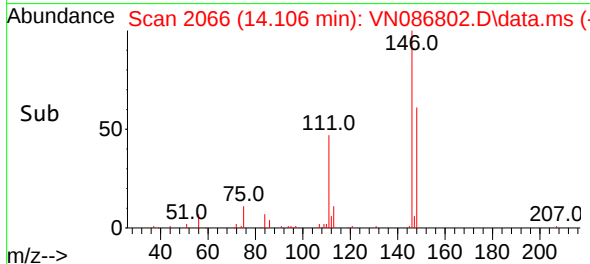
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 248760
Ion Ratio Lower Upper
146 100
111 43.2 21.6 65.0
148 64.3 31.7 95.1

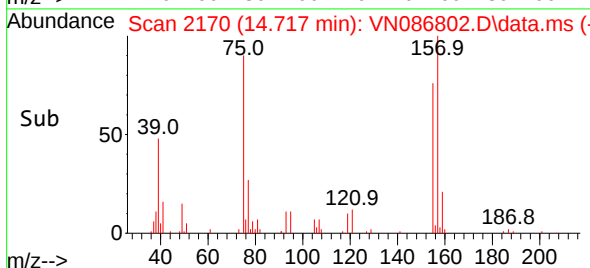
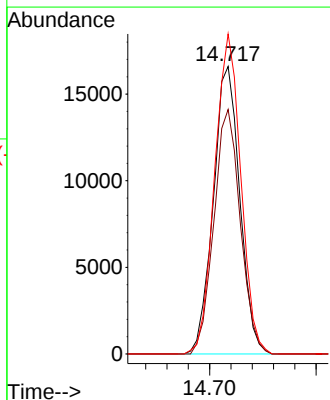
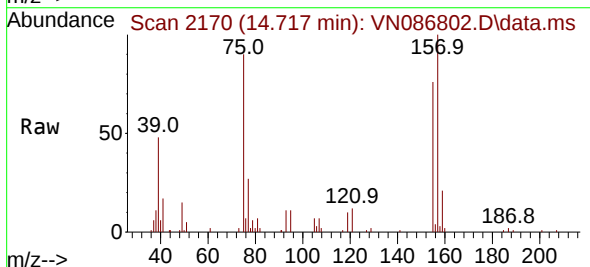
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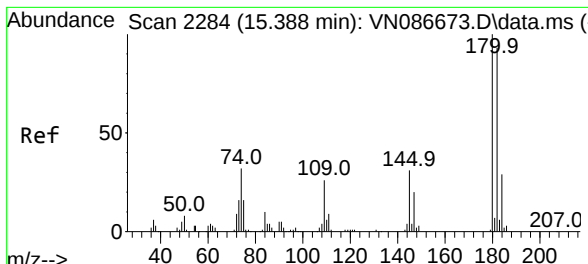
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.821 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

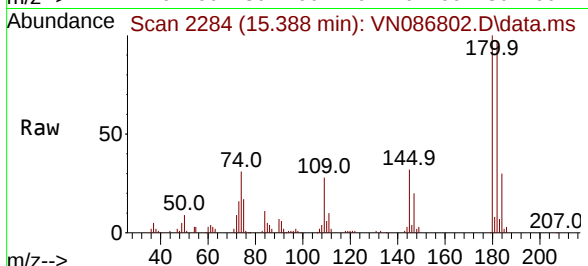
Tgt Ion: 75 Resp: 28645
Ion Ratio Lower Upper
75 100
155 84.8 40.5 121.5
157 109.7 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 53.978 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

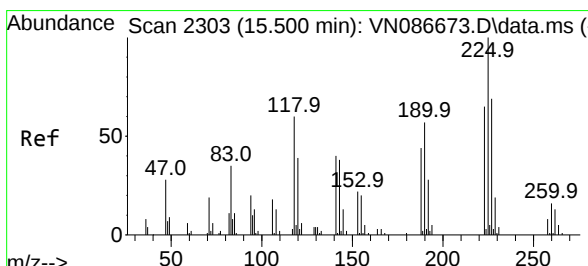
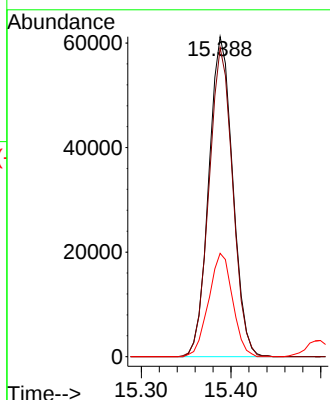
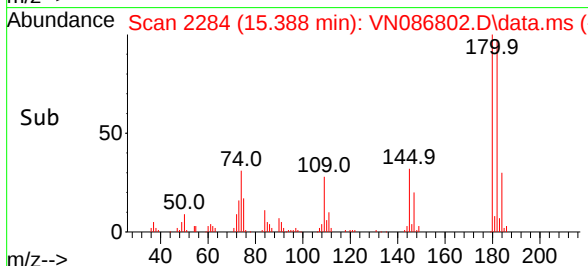
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 11347
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.3
145 32.3 15.6 46.8

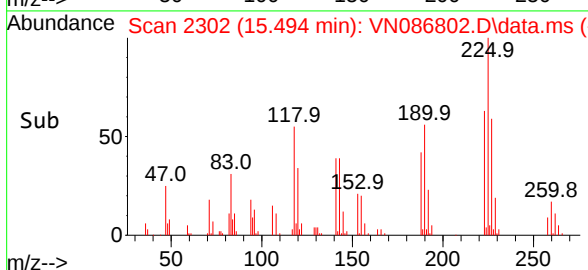
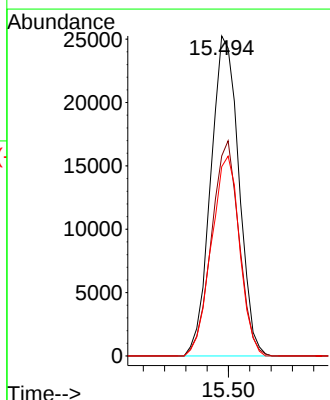
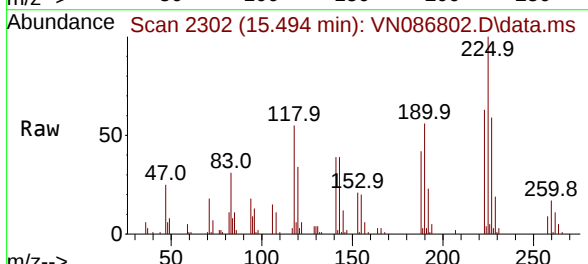
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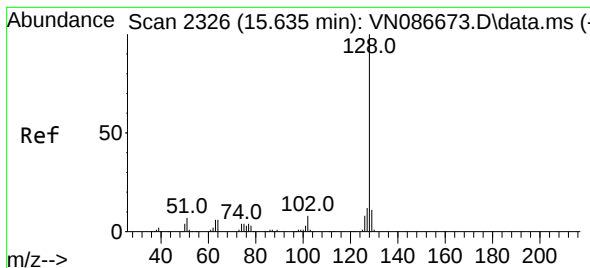
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#94
Hexachlorobutadiene
Concen: 53.013 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

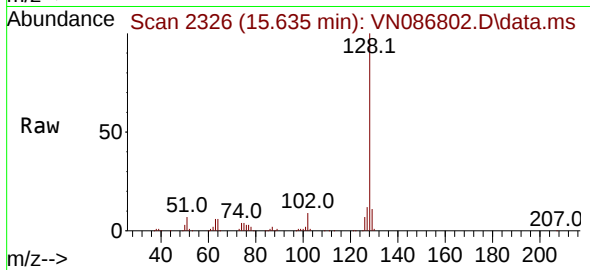
Tgt Ion:225 Resp: 46239
Ion Ratio Lower Upper
225 100
223 65.8 32.9 98.6
227 62.7 32.4 97.2





#95
Naphthalene
Concen: 49.962 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

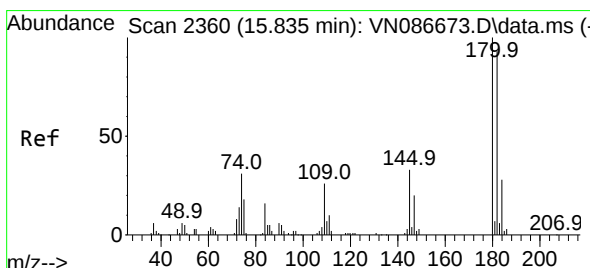
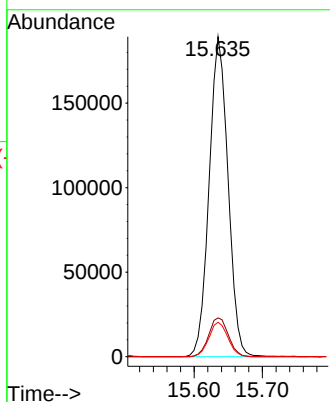
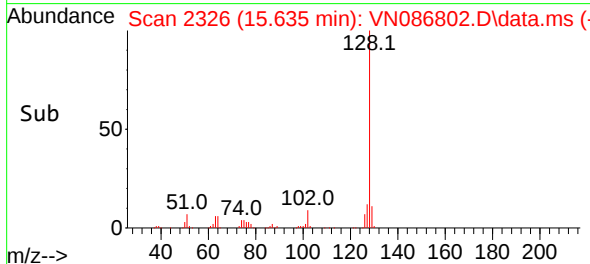
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 36470
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.784 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086802.D
Acq: 28 May 2025 16:34

Tgt Ion:180 Resp: 108670
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 33.3 16.7 50.1

